

Data Sheet

JW Vehicle-Mounted Two-Component Dot-Painting Road Marking Machine

Product Overview

In the competitive arena of road marking technology, JACKWIN's JW Vehicle-Mounted Two-Component Dot-Painting Road Marking Machine emerges as a beacon of innovation and high performance. Engineered with precision and care, this cutting-edge device is designed to meet the most stringent and diverse requirements of contemporary road marking projects, seamlessly blending advanced technology with an operator-friendly layout.

Reference Photo



Key Features

Feature	Description
Core System Integration	At the very core of this remarkable machine lies an innovative paint mixing system. In tandem with the spray gun system, control system, and traveling mechanism, it guarantees flawless and accurate road marking applications.
Power System	The power source, a Honda GX270 gasoline engine, is a testament to reliability and efficiency. Boasting a robust 5.5HP

Feature	Description
	output, this engine supplies the necessary power to drive the entire road marking apparatus, ensuring continuous and high-tempo operations. Coupled with a gasoline tank capacity of 2.9L, it significantly extends the working duration, minimizing the need for frequent refueling during extended projects.
Curing Monitoring System	One of the machine's most critical features is its German-imported curing monitoring system, equipped with the state-of-the-art EGE flow electronic controller. This sophisticated system functions as a vigilant overseer, constantly tracking the curing process of the two-component paint. By precisely regulating the curing parameters, it ensures that the road markings attain the optimal level of hardness and durability. This not only enhances the longevity of the markings but also improves their overall quality, allowing the final marking surface to withstand harsh traffic conditions and various environmental factors.
Hydraulic Travel Drive System	The hydraulic travel drive system is another highlight of the JW Vehicle-Mounted Two-Component Dot-Painting Road Marking Machine. Engineered for maximum versatility and precision, it provides an adjustable slow-speed driving function. The system allows the vehicle to operate within a speed range from low-speed crawling to a maximum of 90 km/h. This flexibility enables operators to adapt to different road conditions and marking requirements. Whether it is a large-scale highway project requiring efficient operation or a narrow urban road requiring slow and precise movement, the hydraulic travel drive system ensures smooth and accurate operation.

Technical Specifications

Parameter	Specification
Engine	Honda GX270 gasoline engine, 5.5HP
Fuel	Gasoline, capacity 2.9L

Parameter	Specification
Voltage	12V, battery 5AH 20AR
Compressor	Exhaust volume 0.21nm ³ /h
Working Pressure	0.8 MPa
Curing Monitoring System	German-imported EGE flow electronic controller
Motor Flow	80ml
Material Bucket Capacity	Approximately 80kg
Curing Agent Capacity	40 liters / 4kg
Curing Agent Pump Flow	1.6L/min
Cleaner Capacity	40 liters / 4kg
Maximum Material Pressure	5kg
Maximum Filler Medium Size	800μ
Mixing System	98:2 mixing ratio with curing agent pump
Additional Equipment	Electronic jumper control
Glass Bead Equipment	Pneumatic spraying (standard single gun)
Marking Width	Customizable
Truck Fuel	11.5

Parameter	Specification
Consumption	
Truck Displacement & Power	2499ml / 101kW
Travel Drive	Hydraulic travel drive system with adjustable slow-speed driving
Travel Speed	0–90km/h
Truck Size	5995 × 2200 × 2440mm
Cargo Compartment Size	4180 × 2100 × 400mm
Total Truck Load Capacity	4495kg

Customizable Marking Width

The customizable marking width is one of the key advantages of the JW Vehicle-Mounted Two-Component Dot-Painting Road Marking Machine. It can meet different project requirements, including: Wide highway markings, Narrow parking lot markings, Special traffic markings. This flexibility, combined with efficient operation, helps reduce construction time and labor costs.

Glass Bead Application System

The glass bead system adopts: Pneumatic spraying, Standard single spray gun configuration.
Function: Evenly distributes glass beads onto fresh paint, Improves retroreflectivity, Enhances nighttime visibility and road safety.

Conclusion

JACKWIN's JW Vehicle-Mounted Two-Component Dot-Painting Road Marking Machine is a comprehensive and efficient solution for professional road marking applications. With advanced two-component mixing technology, reliable components, hydraulic travel drive, curing monitoring system, and customizable marking options, the JW Vehicle-Mounted Two-Component Dot-Painting Road Marking Machine provides an excellent solution for: Road

marking contractors, Municipal projects, Highway maintenance teams, Large-scale infrastructure projects. It sets a new standard in the field of two-component road marking equipment.

Data Sheet

JW - High Pressure Water Jetting Removal Vehicle Product Overview

The JW High Pressure Water Jetting Removal Vehicle stands as a paragon of innovation in the field of road marking removal, painstakingly engineered to achieve peak efficiency. By leveraging the formidable power of ultra - high - pressure water jet technology, it can thoroughly eliminate even the most tenacious road marking stains, guaranteeing a pristinely clean and unimpeded road surface. This vehicle not only showcases the forefront of modern engineering but also epitomizes innovation within road maintenance equipment. By changing the pressure, the marking can be removed without damage, and the marking area can be cleaned. Adapting to the construction environment in Saudi Arabia, these machines efficiently complete dual tasks and keep the road surface clean.

Reference Photo



Technical Specifications

Parameter	Specification
Working Speed	10 - 20 m/min (varies according to the thickness of the marking line)
Power	345 kW
Engine	Weichai Power from Weifang (Deutz) six - cylinder engine meeting National II emission standards
Rotation Speed	1800 rpm
Pump Speed	500 rpm
Pressure	2500 bar
Flow Rate	55 L/min
Line - removal Speed	Maximum 30 cm, adjustable within the range of 15 cm - 30 cm
Plunger	Cemented carbide 19.05
Fuel Tank	250 L
High - pressure Seal	Imported high - quality pre - formed seal
Systems	Comprises a forced lubrication system and an oil cooling system, complemented by an imported high - quality safety burst diaphragm
Full - computer - monitored Instrument Box	Continuously monitors and alerts for oil temperature, water temperature, diesel engine speed, water pressure, voltage display, working time, overall machine malfunctions, and enables precise water pressure regulation
Booster Pump	Front - mounted booster pump capable of delivering a maximum boost of 6 kg
Filter	Double - layer stainless - steel vertical filter featuring a two -

Parameter	Specification
	stage filtration mechanism
Water Supply Protection System	Incorporates a water supply low - pressure protection subsystem
Recovery System	SSA vacuum pump with a pressure of -0.4 bar (equipped with optional solid - liquid separation functionality)
Water Tanks	Clean water tank with an approximate capacity of 6 T, and a sewage tank customized to suit different vehicle models
Carrier Vehicle Travel Control	Equipped with a constant - speed travel controller (requiring no manual intervention), with a minimum speed of 5 m/min. It can shift electronically in harmony with the vehicle's gear and features cruise control
Remote Monitoring System in the Carrier Vehicle Cab	Optional; allows the driver to monitor the line - removal process in real - time via a video feed from the cab
Line - removal Head	Offers options of a self - rotating head with 20 nozzles or a motor - driven head with 12/24 nozzles
Main Machine Dimensions	3 m × 2.2 m × 2.25 m, with dimensions customizable to fit diverse vehicle models
Net Weight	7 T (excluding the truck)

Key Features

Industry	Application Details
1. Ultra - high - pressure Water Jet Road Marking Stain Cleaning	The vehicle's ultra - high - pressure water jet technology is its most remarkable feature. Operating at an astonishing 2500 bar, the water jet is a force that can effortlessly break down and wash away even the most stubborn road marking stains. The nozzles, designed with extreme precision, can be adjusted according to the nature and thickness of the road markings. This adaptability ensures a comprehensive and highly efficient cleaning process, leaving the road surface spotless and completely free from any

Industry	Application Details
	marking remnants.
2. Efficient Solid - Liquid Waste Recovery System in Road Marking Removal Process	Equipped with a state - of - the - art solid - liquid waste recovery system, the JW vehicle excels in waste management. As the road markings are removed, the waste water, rubber particles, and paint fragments are promptly collected. The SSA vacuum pump, with its -0.4 bar pressure and optional solid - liquid separation feature, sucks up the waste and channels it into the sewage tank. This not only maintains a clean working environment but also strictly adheres to environmental regulations by minimizing waste and pollution.
3. Customizable Road Marking Removal Vehicle with Multiple Nozzle Options	Flexibility is a core strength of the JW High Pressure Water Line Removal Vehicle. It offers a diverse range of nozzle options, including a self - rotating head with 20 nozzles and a motor - driven head with 12 or 24 nozzles. This enables operators to tailor the vehicle's performance to the specific requirements of each road marking removal task. Whether it's a large - scale project demanding high - speed removal or a more delicate job requiring precision, the vehicle can be configured accordingly.
4. Intelligent Remote - controlled Road Marking Removal Vehicle	For enhanced safety and convenience, the vehicle can be equipped with an intelligent remote - control system (optional). This feature allows the driver to monitor the line - removal process in real - time through a video feed in the cab. From the comfort of the driver's seat, they can adjust crucial parameters such as water pressure, flow rate, and line - removal speed. This remote - control functionality is especially useful in hazardous or hard - to - reach areas, significantly improving operational efficiency and safety.
5. Road Marking Removal with Advanced Solid - Liquid Separation Technology	The optional advanced solid - liquid separation technology in the recovery system is a revolutionary addition. It efficiently separates solid waste, such as rubber and paint particles, from the waste water. The separated solid waste can be properly disposed of, while the treated water can be recycled or discharged in an environmentally responsible manner. This technology not only streamlines the waste management process but also substantially reduces the overall cost of waste disposal.
6. High - power and Energy -	Despite its high - power capabilities, the JW vehicle is designed with energy efficiency as a key consideration. The 345-kW engine is paired with a forced

Industry	Application Details
saving Road Marking Removal Machine	lubrication system and an oil cooling system, ensuring optimal engine performance and reduced energy consumption. The intelligent control system further optimizes the operation of the high - pressure water pump and other components, making the vehicle a cost - effective choice for long - term road marking removal operations.
7. Eco - friendly Road Marking Removal Equipment	Environmental sustainability is a top priority for the JW High Pressure Water Line Removal Vehicle. By using water as the primary cleaning medium, it eliminates the need for harmful chemical solvents. The efficient waste recovery and solid - liquid separation systems further enhance its eco - friendly credentials, making it fully compliant with the latest environmental regulations. This makes the vehicle an ideal choice for environmentally conscious road maintenance projects.
8. Best Road Marking Removal Solution for Different Road Surfaces	The JW vehicle is a highly versatile workhorse, suitable for use on a wide variety of road surfaces, including asphalt, concrete, and composite materials. Its adjustable parameters, such as water pressure, line - removal speed, and nozzle configuration, allow it to adapt to the unique characteristics of each road surface. Whether it's a smooth asphalt road or a rough - textured concrete surface, the vehicle can deliver the best road marking removal solution, ensuring a clean and visible road surface for safe driving.

Application Scenarios

Application Area	Description
Road Marking Removal on Highways and Expressways	The JW High Pressure Water Jetting Removal Vehicle is ideal for removing old, worn, or damaged road markings on highways and expressways. Its ultra-high-pressure water jet technology efficiently removes paint without damaging the pavement, preparing the surface for new road markings.
Municipal Road Maintenance	Suitable for urban streets, intersections, bus lanes, bicycle lanes, and pedestrian crossings, the vehicle provides fast and environmentally friendly removal of outdated or incorrect road markings while minimizing traffic disruption.

Application Area	Description
Airport and Industrial Pavement Cleaning	In addition to road marking removal, the machine can clean rubber deposits, paint residues, and other stubborn contaminants from airport pavements, logistics parks, ports, factories, and other large paved areas.
Road Renovation and Reconstruction Projects	The vehicle is an ideal solution for road widening, reconstruction, and traffic reconfiguration projects where existing road markings must be removed quickly before new markings are applied.
Environmentally Friendly Road Maintenance	Using ultra-high-pressure water instead of chemical solvents or abrasive grinding, the machine effectively removes road markings while reducing dust, pollution, and damage to the road surface. The optional solid-liquid separation and wastewater recovery systems further improve environmental protection.
Large-scale Government and Contractor Projects	With a working speed of 10–20 m/min, a maximum working width of 30 cm, and an intelligent constant-speed control system, the vehicle is well suited for large-scale road maintenance projects undertaken by highway authorities, municipal agencies, and professional road maintenance contractors.

Conclusion

In summary, the JW High Pressure Water Jetting Removal Vehicle is a comprehensive and innovative solution for road marking removal. With its cutting - edge technology, advanced features, and eco - friendly design, it sets a new benchmark in the industry. Whether you're a road maintenance professional seeking a reliable and efficient solution or an environmentally conscious entity looking for an eco - friendly option, the JW vehicle is the ultimate choice to meet your road marking removal needs.

Data Sheet

JW Booster Car (Gasoline)

Product Overview

In the complex and demanding field of road marking construction, improving operational convenience and reducing labor intensity are essential factors for achieving efficient results. Besides the main road marking equipment, reliable auxiliary tools play an important role in ensuring smooth and continuous construction operations.

The JW Booster Car (Gasoline), developed by JACKWIN, provides a highly flexible operating solution for professional road marking projects. It allows operators to work in either seated mode for long-distance construction or walking mode for better maneuverability in narrow and complex areas, significantly improving working comfort and efficiency.

Reference Photo



Technical Specifications

Parameter	Specification
Engine Power	5.5HP Honda Gasoline Engine
Maximum Gradient Ability	≤60°
Forward Speed	15 km/h

Parameter	Specification
Reverse Speed	10 km/h
Dimensions	1.5 × 1.2 × 0.7 m
Weight	80 kg

Main Features

Dual-Pedal Control Operation:

When connected with a road marking machine, the JW Booster Car (Gasoline) simplifies operation through an intuitive dual-pedal control system. Operators can easily control the forward and reverse movement by pressing the pedals, allowing smoother operation and reducing physical effort during long working periods. This user-friendly design improves construction efficiency while enabling operators to focus more on achieving accurate and high-quality road markings.

Key Features

Feature	Description
① High-Intensity Headlamp	A high-intensity headlamp is installed on the right side of the booster car, providing powerful illumination for low-visibility working environments. It supports continuous construction operations during: Nighttime road marking, Foggy weather, Early morning work, Poor lighting conditions. The headlamp improves visibility, enhances safety, and helps maintain consistent construction quality.
② Ergonomic Dual-Pedal Control System	The ergonomically designed dual-pedal system provides simple and precise operation after connecting with a road marking machine. Operators can easily control: Forward movement, Reverse movement, by simply pressing the pedals. Advantages: Easy operation, Reduced training requirements, Lower operator fatigue, Improved construction efficiency, Better movement control during marking operations.
③ Reliable Honda Gasoline Engine	The JW Booster Car (Gasoline) is powered by a 5.5HP Honda gasoline engine from Japan, providing dependable performance for demanding construction environments. Advantages of the Honda engine: Compact

Feature	Description
	design, Lightweight structure, Stable power output, Easy starting system, Excellent reliability, Long service life. The proven Honda power system ensures continuous operation and long-term durability.
④ Reliable Braking System	The braking system is specially designed to maintain equipment stability during operation, especially on roads with steep slopes. Advantages: Fast response braking, Stable stopping performance, Prevents uncontrolled movement on slopes, Improves operator safety, Enhances construction reliability.

Application Scenarios

Highway road marking
Airport runway marking
Large parking lot marking
Municipal road construction
Industrial area marking
Long-distance road marking projects
Road maintenance operations
Large-scale traffic marking projects
Highway road marking
Airport runway marking
Large parking lot marking

Advantages

Ride-on and walk-behind dual operation modes
Powerful 5.5HP Honda gasoline engine
High mobility for large construction areas
Forward speed up to 15 km/h
Reverse speed up to 10 km/h
Maximum climbing ability $\leq 60^{\circ}$
Easy dual-pedal control system
High-intensity headlamp for low-light operation
Reliable braking system for safer operation
Reduces labor intensity and improves construction efficiency

Conclusion

The JW Booster Car (Gasoline) is a professional auxiliary vehicle designed to enhance the efficiency and convenience of road marking construction. With its powerful Honda gasoline engine, flexible operating modes, ergonomic control system, and reliable safety features, it provides strong support for long-distance and large-scale marking projects. Whether used for highways, airports, parking areas, or municipal road construction, the JW Booster Car (Gasoline) helps contractors achieve higher productivity, better operator comfort, and more efficient road marking operations.

Data Sheet

JW High-Pressure Road Sweeper

Product Overview

The JW High-Pressure Road Sweeper is a professional road surface cleaning machine developed by JACKWIN. It is designed for efficient removal of cement slurry, mud, loose soil, dust, debris, and old cold-paint road markings, providing a clean and reliable surface preparation solution for road construction and maintenance projects.

With adjustable cleaning intensity, durable sweeping components, and reliable gasoline engine options, the machine improves cleaning efficiency and creates better surface conditions for road marking applications.

Reference Photo



Technical Specifications

Parameter	Specification
Power	5.5HP Imported Honda Gasoline Engine / 6.5HP Imported Briggs & Stratton Gasoline Engine
Cleaning Intensity Adjustment	Stepless adjustment: Strong / Medium / Weak

Parameter	Specification
Handle	Height Adjustable
Rubber Wheels	Iron-made wheel hubs with specially-made wear-resistant rubber
Steel Wire Wheels	Wear-resistant soft steel wire brushes
Dimensions	1.17 × 0.6 × 0.85 m
Weight	80 kg

Main Features

Feature	Description
1. Exceptional Cleaning Performance	The machine provides powerful cleaning capability for various road surface conditions. It can remove: Cement slurry, Mud, Loose soil, Dust and debris, Cold-paint road markings. The cleaning intensity can be adjusted steplessly among: Strong mode, Medium mode, Weak mode. Operators can select the appropriate cleaning power according to different road conditions, improving cleaning efficiency while protecting the pavement surface.
2. Reliable Power Options	Available engine options: 5.5HP Honda Gasoline Engine - Advantages: Smooth operation, Fuel-efficient, Easy starting, Reliable performance. 6.5HP Briggs & Stratton Gasoline Engine - Advantages: Higher torque, Stronger working capability, Suitable for heavy-duty cleaning operations.
3. Durable Cleaning System	Steel Wire Wheels: Equipped with wear-resistant soft steel wire brushes. Advantages: Removes stubborn dirt effectively, Long service life, Provides strong cleaning performance, Minimizes pavement damage. Rubber Wheels: Features: Iron-made wheel hubs, Wear-resistant rubber tires. Advantages: Strong traction, Stable movement, Suitable for different road surfaces.
4. Ergonomic Design	The handle height is adjustable to improve operator comfort. Benefits: Reduces fatigue, Improves working efficiency, Suitable for long-time

Feature	Description
	operation.
5. Compact and Portable Structure	Compact design allows easy transportation and operation in limited spaces. Advantages: Easy movement between job sites, Convenient storage, Good maneuverability.

Application Scenarios

Road marking preparation
Cold paint marking removal
Highway maintenance
Municipal road cleaning
Asphalt pavement preparation
Cement pavement cleaning
Parking lot construction
Industrial road cleaning
Road repair projects

Advantages

Adjustable cleaning intensity for different road conditions
Removes dust, mud, slurry, and old markings
Honda and Briggs & Stratton engine options
Durable steel wire brush system

Wear-resistant wheels
Compact and easy to transport
Improves road marking adhesion and durability
Reduces manual cleaning labor

Conclusion

The JW High-Pressure Road Sweeper is an efficient and versatile road cleaning solution designed for professional construction and maintenance applications. With powerful cleaning capability, adjustable operation, durable components, and reliable engine options, it helps contractors achieve cleaner surfaces, better marking results, and higher construction efficiency.

Data Sheet

JW High-Pressure Road Sweeping All-in-One Machine Product Overview

In road construction and maintenance, the efficiency and quality of surface preparation play a vital role in the overall success of a project. The JW High-Pressure Road Sweeping All-in-One Machine is a professional cleaning solution designed to quickly and effectively remove dust, sand, gravel, leaves, and other debris from road surfaces before marking, paving, sealing, or maintenance operations. Combining powerful airflow with durable sweeping components, it ensures a clean working surface while significantly improving construction efficiency.

Reference Photo



Technical Specifications

Parameter	Specification
Power	5.5HP Imported Honda Gasoline Engine or 6.5HP Imported Briggs & Stratton Gasoline Engine
Cleaning Intensity	Stepless adjustment among Strong, Medium and Weak
Wind Turbine	Turbo-charged wind turbine
Wind Force	Adjustable by controlling the throttle

Parameter	Specification
Handle	Height adjustable
Rubber Wheels	Iron-made wheel hubs with specially made wear-resistant rubber
Steel Wire Wheels	Wear-resistant soft steel wire brushes
Dimensions	1.17 × 0.63 × 0.87 m
Weight	90 kg

Key Features

Feature	Description
Exceptional Cleaning Performance	The machine is equipped with a high-performance cleaning intensity adjustment system that allows stepless adjustment between strong, medium, and weak cleaning modes. Operators can easily adjust the cleaning intensity according to different road conditions. Strong Mode: Removes stubborn dirt, sand, gravel, and construction debris from heavily contaminated surfaces. Medium Mode: Ideal for routine road cleaning and maintenance. Weak Mode: Suitable for newly paved or delicate road surfaces that require gentle cleaning. This flexible cleaning system improves cleaning quality while reducing unnecessary wear on the road surface.
Powerful Engine Options	To satisfy different customer requirements, the machine offers two reliable engine configurations: 5.5HP Imported Honda Gasoline Engine - Excellent fuel economy, Easy starting, Low vibration, Long service life. 6.5HP Imported Briggs & Stratton Gasoline Engine - High torque output, Stable performance, Heavy-duty construction, Ideal for demanding applications. Both engine options provide dependable power for continuous operation in various working environments.
Advanced Turbo Wind-Blowing System	The machine features a turbo-charged wind turbine capable of generating powerful airflow for efficient debris removal. The airflow intensity can be continuously adjusted by controlling the engine throttle,

Feature	Description
	allowing operators to optimize performance for different cleaning tasks. Benefits include: Fast removal of dust and loose materials, Effective cleaning of gravel and small stones, Reduced manual labor, Improved cleaning efficiency, Lower fuel consumption through optimized airflow.
Durable Sweeping Components	The machine is equipped with premium-quality sweeping components designed for long service life. Steel Wire Wheels: The sweeping wheels use wear-resistant soft steel wire brushes, providing: Excellent abrasion resistance, Strong cleaning capability, Minimal damage to pavement surfaces, Long operating life. Heavy-Duty Rubber Wheels: The transport wheels feature: Iron wheel hubs, Special wear-resistant rubber tires, Excellent traction, Stable movement on asphalt, concrete, and uneven construction surfaces.
Ergonomic Design	Operator comfort is an important consideration during equipment design. The machine includes: Height-adjustable handle, Comfortable operating position, Reduced operator fatigue, Improved control during extended working hours. The ergonomic design makes the machine suitable for long-term daily operation.
Compact Structure and Excellent Mobility	Despite its powerful cleaning capability, the machine maintains a compact overall size of only 1.17 × 0.63 × 0.87 m, allowing it to operate efficiently in confined construction areas. With a total weight of 90 kg, it provides an excellent balance between portability and operational stability. Advantages include: Easy transportation, Convenient storage, Excellent maneuverability, Stable operation.

Application Scenarios

Road marking preparation
Asphalt paving projects
Road maintenance operations
Crack sealing preparation

Road marking preparation
Airport runway cleaning
Highway maintenance
Municipal road cleaning
Parking lot preparation
Industrial park road cleaning
Bridge deck maintenance
Construction site surface cleaning

Advantages

Powerful turbo wind-blowing cleaning system
Stepless cleaning intensity adjustment
Reliable Honda or Briggs & Stratton engine options
Durable steel wire sweeping wheels
Heavy-duty wear-resistant rubber wheels
Ergonomic adjustable handle
Compact and easy-to-transport design
High cleaning efficiency with low operating cost
Suitable for a wide range of road construction and maintenance applications

Conclusion

The JW High-Pressure Road Sweeping All-in-One Machine is a reliable and efficient road surface cleaning solution designed for professional contractors and municipal maintenance teams. Featuring adjustable cleaning intensity, a powerful turbo wind system, durable sweeping components, and dependable engine options, it delivers outstanding cleaning performance while enhancing construction efficiency. Whether used for road marking preparation, pavement maintenance, airport runway cleaning, or municipal road projects, the JW machine provides the durability, flexibility, and productivity required for demanding field operations.

Data Sheet

JW Road Drying Machine

Product Overview

Within the complex and dynamic realm of road construction, inclement weather, particularly rain, poses a persistent and formidable challenge. Amidst such adversities, the JW Road Drying Machine has emerged as an absolutely essential and game-changing solution. Engineered with precision and cutting-edge technology, this advanced piece of equipment is specifically designed to tackle one of the most prevalent and arduous problems in rainy-day construction scenarios—road surface waterlogging.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	350 kW Gas Turbine Engine
Engine Fuel	Diesel
Battery	12 V
Constant Temperature Range	350–550°C

Parameter	Specification
Working Width	150 mm / 300 mm / 400 mm
Dimensions	1.65 × 0.5 × 1.0 m
Weight	100 kg

Key Features

Feature	Description
Rainy-Day Construction Solution	In road construction projects, any form of delay can trigger a cascade of issues, including significant cost escalations and complex logistical challenges. The JW Road Drying Machine offers an effective solution to minimize these risks. By utilizing its advanced drying technology, the machine rapidly evaporates standing water from the road surface, creating a dry and stable working area for subsequent construction operations. This is particularly important before: Asphalt paving, Concrete pouring, Road marking application, Other road maintenance operations. A dry surface ensures better material adhesion, higher construction quality, and improved project efficiency while helping contractors maintain tight construction schedules.
Powerful Gas Turbine Heating System	The JW Road Drying Machine is equipped with a 350 kW gas turbine engine, delivering powerful and stable thermal energy for rapid road drying. Advantages include: Fast evaporation of standing water, High heating efficiency, Stable performance, Suitable for continuous operation.
Precise Constant-Temperature Control	The machine features an advanced thermostat capable of maintaining a stable operating temperature between 350°C and 550°C. Benefits: Uniform drying performance, Prevents localized overheating, Protects pavement materials, Improves asphalt bonding conditions, Enhances construction quality. Precise temperature control is especially important when preparing road surfaces before thermoplastic marking or asphalt paving.
Adjustable Working Width	To meet different construction requirements, the JW Road Drying Machine provides three interchangeable working widths: 150 mm, 300

Feature	Description
	mm, 400 mm. Advantages: Suitable for narrow repair areas, Ideal for standard road maintenance, Efficient for larger construction sections, Flexible for different project requirements.
Compact and Portable Design	Despite its powerful heating capability, the machine maintains a compact structure. Dimensions: 1.65 × 0.5 × 1.0 m. Advantages: Easy transportation, Convenient storage, Excellent maneuverability, Suitable for confined working environments.
Stable and Durable Construction	With a total weight of 100 kg, the machine provides an ideal balance between mobility and operational stability. Advantages: Easy relocation on construction sites, Stable during operation, Durable for heavy-duty applications.

Application Scenarios

Road marking construction after rainfall
Thermoplastic road marking preparation
Asphalt pavement drying
Concrete pavement drying
Highway maintenance
Municipal road construction
Airport runway maintenance
Bridge maintenance projects
Emergency road repair
Road construction in humid environments

Advantages

Rapid road surface drying
Powerful 350 kW gas turbine heating system
Constant temperature control (350–550°C)
Adjustable working widths for different applications
Compact and portable design
Improves construction quality after rainfall
Reduces project delays caused by wet road conditions
Durable and reliable for continuous operation

Conclusion

The JW Road Drying Machine is a professional road maintenance machine specifically developed for rainy-day and high-humidity construction environments. Equipped with a powerful gas turbine heating system, precise temperature control, and adjustable working widths, it rapidly dries wet road surfaces and provides ideal conditions for asphalt paving, concrete work, and road marking applications. By improving construction efficiency, reducing weather-related delays, and ensuring high-quality road surface preparation, the JW Road Drying Machine is an indispensable solution for modern road construction and maintenance projects.

Data Sheet

JW Road Marking Blower

Product Overview

In the rapidly evolving landscape of modern road marking construction, efficiency and precision are the cornerstones for achieving project success. The JW Road Marking Blower, expertly engineered by JACKWIN, has become an indispensable auxiliary device for both thermoplastic and cold-paint road marking operations.

It plays a crucial role in the pre-marking cleaning process, which is a fundamental step that directly affects the adhesion, durability, and overall quality of road markings.

Reference Photo



Technical Specifications

Parameter	Specification
Wind Force Adjustment	Adjustable by controlling the throttle
Handle	Adjustable in height
Wind Turbine	Turbo-charged wind turbine
Power	5.5HP Imported Honda Gasoline Engine

Parameter	Specification
Dimensions	1.16 × 0.68 × 0.82 m
Weight	30 kg

Key Features

Feature	Description
1. Powerful Wind Cleaning Performance	The JW Road Marking Blower is powered by a reliable 5.5HP imported Honda gasoline engine, which drives the high-pressure impeller inside the advanced turbo-charged wind turbine. During operation, the high-speed rotating impeller generates strong airflow to effectively remove: Dust, Sand, Loose debris, Road surface contaminants. The powerful cleaning performance ensures a cleaner road surface before marking application, improving the adhesion of road marking materials and helping create durable and highly visible road markings.
2. Adjustable Wind Force Control	The blower is equipped with an adjustable throttle system, allowing operators to control the wind force according to different construction requirements. Advantages: Flexible adjustment for different road conditions, Prevents unnecessary damage to road surfaces, Improves cleaning efficiency, Suitable for different project scales. Whether used for large highway projects or small local road marking applications, the operator can easily adjust the airflow according to actual working conditions.
3. Ergonomic Adjustable Handle Design	The handle height can be adjusted according to operator requirements. Benefits: More comfortable operation, Reduced fatigue during long working hours, Improved working efficiency, Suitable for different operators.
4. Integrated Base-Coat Oil Barrel Holder	The JW Road Marking Blower features an integrated base-coat oil barrel holder, allowing operators to combine road cleaning and base-coat oil application more efficiently. Advantages: Simplifies construction procedures, Saves preparation time, Reduces labor requirements, Improves overall construction efficiency. This design makes it an ideal auxiliary tool for professional road marking contractors.

Feature	Description
5. Compatible with Road Sweeper Systems	The blower can be used together with a high-performance road sweeper to provide a more comprehensive road preparation solution. Combined operation advantages: More effective surface cleaning, Better preparation before marking, Improved marking adhesion, Higher construction quality.

Application Scenarios

Thermoplastic road marking preparation
Cold-paint road marking preparation
Highway marking projects
Municipal road marking
Airport runway marking
Parking lot marking
Industrial road marking
Road maintenance projects

Advantages

Powerful airflow for efficient road cleaning
Improves road marking adhesion and durability
Honda gasoline engine provides reliable power
Adjustable wind force for different applications
Ergonomic handle design improves comfort
Integrated base-coat oil holder increases efficiency

Lightweight and easy to transport
Suitable for various road marking projects

Conclusion

The JW Road Marking Blower is a professional auxiliary machine designed to improve the preparation process before road marking construction. With powerful airflow, adjustable wind control, ergonomic design, and integrated base-coat oil support, it helps contractors achieve cleaner road surfaces, better marking adhesion, and higher construction efficiency. It is an essential supporting tool for modern thermoplastic and cold-paint road marking operations.

Data Sheet

JW-1.5T Thermal Oil Temperature Control Kettle Equipment Characteristics

No.	Characteristic	Description
1	Automatic Ignition	The equipment is equipped with an ignition device, the key can open the stove fire, no need to match the ignition source.
2	Long Life of the Pot Bottom	The new combustion chamber heating, the pot bottom and around the evenly heated, the heat absorption area is 3.5 times larger than the ordinary hot melt kettle, to solve the problems of the previous pot bottom single side of the heat, the pot bottom is not deformed or damaged, the material in the pot will not burn.
3	Intelligent Temperature Control	Set the material temperature, when the temperature is lower than the set temperature value, the furnace automatic ignition, the temperature exceeds the set value of the furnace automatic flame out, constant temperature insulation system can reduce unnecessary waste of diesel fuel, save energy.
4	Fuel Saving	Imported temperature control stove, diesel oil efficient atomization can be fully burned without black smoke, saving diesel oil.
5	Paint Capacity	A single cylinder can be filled with 1.5 tons, large capacity fast discharge.
6	Feed Port	Double feed port, 70*31cm, convenient for ton bag use.
7	Small Size	1.5 tons of single cylinder tank than the original 1.2 tons of double cylinder hot melt tank accounted for 25% of the car area. Diesel heating does not require carrying a liquefied gas tank. Excess space can be stacked paint, greatly increasing the construction efficiency.
8	Single Cylinder = Double Cylinder	There are two feeding ports on the plate of the kettle, which is equivalent to two cleaning Windows, when the yellow material is changed to white material, the worker can use a long handle shovel to quickly clean the yellow material, and change the shortcomings of the previous use of white material heating replacement. There is no need to clean the white material for yellow material.

No.	Characteristic	Description
9	Melting Speed	The first cylinder is heated for about 1.5 hours, and 100 kg of material is produced every 4 minutes after it is fully burned. The discharging speed is fast and the construction efficiency is high.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	10P air-cooled electric start diesel engine
Internal Structure of the Kettle Body	The frame structure, the inner liner outer cover plate between the thermal insulation board insulation material; Double helix full tank heating system
Hydraulic Transmission System	Hydraulic bidirectional stepless agitation, motor BM315
Hydraulic Tank	0.063 m ³
Diesel Tank	0.095 m ³
Diesel Consumption	Four kilograms per hour
Heating System	American diesel version of the stove, equipped with intelligent temperature control system that can automatically ignite and extinguish
Tank Capacity	Approx. 0.815m ³ , can hold 1.5T hot melt paint

Parameter	Specification
Dimension	1.851.22.15m (single cylinder)
Weight	1150kg (single cylinder)

Key Features

Feature	Description
Advanced High Efficiency and Energy-Saving Technology	The JW-1.5T incorporates cutting-edge technology that ensures both high efficiency and energy savings. This machine is designed to optimize energy usage while maintaining top performance, making it an ideal choice for environmentally conscious projects. The advanced engineering of the JW-1.5T ensures that it can handle large-scale road marking tasks with ease, while its energy-saving features reduce operational costs and environmental impact.
User-Friendly Design for Enhanced Productivity	The JW-1.5T is designed with user-friendliness in mind. Its ergonomic design ensures that operators can work efficiently and comfortably, even during long hours of operation. The machine's intuitive controls and easy maneuverability make it suitable for both experienced and novice operators, ensuring that road marking tasks are completed quickly and accurately.
Durable and Reliable Construction	Built to last, the JW-1.5T is constructed with high-quality materials that ensure durability and reliability in various operating conditions. This machine is designed to withstand the rigors of daily use in the traffic safety industry, making it a cost-effective and reliable choice for long-term projects. The JW-1.5T's robust construction ensures minimal downtime and maintenance, allowing for continuous operation in demanding environments.

Application Scenarios

Industry	Application Details
Highway and Expressway	Suitable for large-scale road marking projects, including highways, national roads, and long-distance pavement marking. The 1.5-ton large capacity and

Industry	Application Details
Marking	fast melting performance improve construction efficiency for continuous operations.
Municipal Road and Urban Infrastructure Projects	Ideal for city roads, intersections, pedestrian crossings, bicycle lanes, and road renovation projects. The intelligent temperature control system ensures stable material temperature and consistent marking quality.
Airport, Port and Industrial Area Marking	Suitable for airport runways, aprons, ports, logistics areas, and industrial parks where reliable performance and long working time are required.
Large Parking Lots and Traffic Facilities	Designed for large parking areas, commercial zones, toll stations, and traffic guidance marking projects. The compact structure and high material capacity provide excellent productivity and flexibility.

Conclusion

In summary, the JW-1.5T High Efficiency Energy-Saving King is the ultimate solution for flexible and efficient road marking. Its advanced technology, user-friendly design, and durable construction make it a reliable choice for a wide range of applications in the traffic safety industry. Choose the JW-1.5T to transform your road marking projects and achieve unparalleled efficiency and precision while saving energy and reducing costs.

Data Sheet

JW-1050 Road Marking Removal Machine

Product Overview

JW-1050 hot melt old line removal machine is a special equipment for removing damaged, cracked, discolored old hot melt markings. The engine is used to drive the grinding head to rotate at high speed. Under the action of the rotating centrifugal force, the grinding head is ground with the raised part of the road surface to remove the old line. The machine uses an imported original gasoline engine and a super durable carbide grinding head to ensure the quality of the equipment. It can be adjusted according to the conditions of the road surface and markings. It has the characteristics of good grinding performance, fast speed, simple operation and maintenance, etc.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	13HP imported original four-stroke air-cooled gasoline engine
Mode of Operation	The throttle switch is set on the handlebar, and the grinding head lifting control rod and the grinding force regulator are set on the frame

Parameter	Specification
Range of Adjustment of Grinding Force	Strong, medium and weak are regulated step by step
Plastic Core-rubber-tires	The cast iron wheel stock is specially made of wear-resistant rubber, and the rear wheel is equipped with double wheel single shaft reinforced wheel
Bistrique	It is composed of three independent rotating grinding heads, all inlaid with imported wear-resistant hard alloy, and the width is 180mm
Grinding Head Life	20000–30000m ²
Size	1.2×0.65×0.98m
Weight	195kg

Key Features

Feature	Description
High-Performance Removal Technology	The JW-1050 Road Marking Removal Machine is equipped with state-of-the-art removal technology that ensures quick and efficient removal of road markings. The machine utilizes a combination of mechanical abrasion and thermal processes to effectively remove paint and other marking materials without causing damage to the road surface. This advanced technology allows the JW-1050 to handle large areas quickly, reducing downtime and increasing overall productivity. The high-power engine ensures consistent performance, even in the most demanding conditions, making it a reliable choice for heavy-duty road maintenance tasks.
User-Friendly Design	The JW-1050 is designed with user-friendliness in mind. The machine features an ergonomic design that makes it easy to operate and maneuver. The intuitive control panel allows operators to adjust settings quickly and efficiently, ensuring smooth operation. The JW-1050 also features a compact size and lightweight design, making it easy to

Feature	Description
	transport and set up, even in tight spaces. This design ensures that the machine can be used in a variety of environments without compromising on performance.
Sturdy and Dependable Build Quality	Engineered for durability, the JW-1050 Road Marking Removal Machine is made from premium-grade materials and components. It's designed to endure the demands of daily operations across diverse weather conditions. Its solid construction ensures reliable, long-term performance with minimal upkeep, making it a dependable asset for road maintenance crews. Built to tackle even the most challenging removal jobs, the JW-1050 is a tool that stands the test of time.
Cost-Effective Solution	The JW-1050 Road Marking Removal Machine is not only efficient and durable but also cost-effective. The machine's high efficiency means that it can complete jobs faster, reducing labor costs. The durable construction and minimal maintenance requirements further lower operational costs, making the JW-1050 an economical choice for both small and large-scale road maintenance projects. This machine is designed to provide long-term value, ensuring that your investment pays off.
Enhanced Operator Safety	Operator protection is a core focus in the design of the JW-1050, which comes equipped with a range of advanced safety components. These include protective guards, clearly marked emergency shut-off controls, and other integrated safeguards to help prevent incidents on the job. Additionally, the machine operates with reduced noise output, helping to protect hearing and promote a safer, more comfortable working environment for users.

Application Scenarios

Industry	Application Details
Highway and Expressway Marking Rehabilitation	The JW-1050 Road Marking Removal Machine is ideal for removing worn, cracked, or faded thermoplastic road markings on highways and expressways. Its durable grinding heads provide efficient removal while minimizing damage to the pavement, making it an excellent choice for large-scale road rehabilitation projects.

Industry	Application Details
Municipal Road Maintenance	Designed for routine maintenance of urban roads, the JW-1050 efficiently removes old lane lines, directional arrows, pedestrian crossings, and traffic symbols before new markings are applied. Its adjustable grinding force allows operators to adapt to different pavement conditions.
Airport Runways and Taxiways	The machine is suitable for removing outdated runway and taxiway markings while maintaining the integrity of asphalt and concrete surfaces. Its high grinding head durability makes it ideal for continuous airport maintenance operations.
Industrial Parks and Large Parking Facilities	The JW-1050 performs efficiently in factories, logistics centers, ports, warehouses, and commercial parking lots where traffic layouts frequently change. It provides fast and uniform removal of old pavement markings with low maintenance requirements.
Professional Road Maintenance Contractors	With its long-life carbide grinding heads, adjustable grinding force, and reliable gasoline engine, the JW-1050 is an excellent solution for contractors who require dependable equipment for frequent and high-volume road marking removal projects.

Conclusion

In conclusion, the JW-1050 Road Marking Removal Machine is an efficient, durable, and cost-effective solution for road maintenance and marking removal. With its high-performance removal technology, user-friendly design, durable construction, cost-effectiveness, and advanced safety features, the JW-1050 is a reliable choice for modern road maintenance needs. Whether used in road maintenance, construction sites, airports, parking lots, or urban and rural roadways, the JW-1050 ensures that road markings are removed quickly and safely, contributing to a safer and more efficient transportation environment.

Data Sheet

JW-1200 Energy-saving Hydraulic Double Cylinder Diesel Hot Melt Kettle

Product Overview

The JW-1200 Energy-saving Hydraulic Double Cylinder Diesel Hot Melt Kettle is an upgraded version of the conventional gas-fired hot melt kettle. It features a newly designed spiral inner barrel insulation system and a super flame combustion stove to deliver higher heating efficiency and lower fuel consumption. Equipped with an integrated energy-saving system, the kettle is suitable for various road marking applications and provides an economical, reliable, and high-performance solution for modern thermoplastic road marking projects.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	15ps electric start evaporative water-cooled diesel engine (Optional: 16ps electric start air-cooled diesel engine)
Internal Structure of the Fuselage	Double-layer pot wall structure for fire channel control. Special stainless steel pot bottom and pot wall improve heating efficiency and durability.

Parameter	Specification
Energy Installations	Integrated energy discharge device to minimize heat loss and improve fuel efficiency.
Energy Saving Devices	Imported oxygen compressor (0.036m ³ /min)
Hydraulic Transmission System	Multi-channel integrated hydraulic control valve, forward and reverse stirring, stepless speed control
Structure	Double-layer insulated frame structure between the inner and outer kettle walls
Hydraulic Oil Tank	70L
Diesel Tank	60L
Heating System	Special oil and gas dual-use stoves
Cooking Capacity	600kg × 2
Size	1980 × 1610 × 1650mm
Weight	1100kg

Additional Advantages

Advantage
★ Blue flame combustion for faster heating
★ Oxygen-assisted combustion to reduce fuel consumption
★ Negative-pressure system to fully utilize gas inside the fuel tank

Key Features

Feature	Description
Innovative Design	The JW-1200 is engineered to deliver stable, efficient, and reliable

Feature	Description
and Construction	performance. Its hydraulic double-cylinder system provides smooth stirring under heavy-duty operating conditions, while the advanced diesel-powered heating system delivers rapid and uniform melting with lower energy consumption. The robust construction ensures long service life, making the kettle suitable for both medium- and large-scale road marking projects.
Advanced Temperature Control System	The JW-1200 features an advanced temperature control system that maintains the ideal melting temperature for thermoplastic road marking materials. Operators can easily adjust and monitor temperature through the intuitive control interface, ensuring consistent material quality. Multiple safety features, including over-temperature protection and automatic shut-off, further improve operational safety.
Easy Operation and Maintenance	Designed for maximum convenience, the JW-1200 offers an intuitive control panel, ergonomic layout, and maintenance-friendly structure. Key components are easily accessible, simplifying routine servicing and reducing downtime, allowing contractors to maintain high productivity on construction sites.

Application Scenarios

Industry	Application Details
Overview	The JW-1200 Energy-saving Hydraulic Double Cylinder Diesel Hot Melt Kettle is designed for professional thermoplastic road marking projects where fuel efficiency, continuous operation, and reliable melting performance are essential.
Highway and Expressway Construction	The energy-saving heating system and 1200kg melting capacity make the kettle ideal for long-distance highway and expressway marking projects that require continuous thermoplastic material supply.
Municipal Road Maintenance	Suitable for urban roads, intersections, pedestrian crossings, parking lots, and other municipal infrastructure projects, providing stable melting performance and consistent material quality.

Industry	Application Details
Remote and Outdoor Construction Sites	Powered by a diesel engine and equipped with an energy-efficient combustion system, the kettle performs reliably in outdoor environments where long working hours and dependable fuel efficiency are required.
Professional Road Marking Contractors	Its hydraulic double-cylinder transmission, low fuel consumption, and durable construction make the JW-1200 an excellent choice for contractors seeking high productivity, reduced operating costs, and reliable long-term performance.

Conclusion

In conclusion, the JW-1200 Energy-saving Hydraulic Double Cylinder Diesel Hot Melt Kettle is a reliable and efficient solution for thermoplastic road marking applications. Its innovative energy-saving design, advanced temperature control system, hydraulic double-cylinder transmission, and user-friendly operation provide outstanding melting efficiency, reduced fuel consumption, and dependable long-term performance. Choose the JW-1200 to improve productivity, lower operating costs, and achieve high-quality road marking results.

Data Sheet

JW-1200 Hydraulic Double Cylinder Hot Melt Kettle Product Overview

JW-1200 hydraulic double cylinder hot melt kettle is one of the main equipment for thermoplastic road marking construction. The equipment adopts a multi-channel integrated hydraulic transmission system with stepless speed control and powerful torque to ensure high performance under heavy-load operation, while supporting both forward and reverse stirring. It adopts a stainless steel direct injection furnace with a high-efficiency, energy-saving burner to ensure excellent combustion efficiency, saving both time and energy. It features high melting efficiency, long continuous working time, simple operation, and convenient maintenance.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	16HP electrically started evaporative water-cooled diesel engine
Internal Structure of the Fuselage	The double layer of the pot wall is used to control the fire channel. Special stainless steel pot bottom and pot wall are adopted, with the special stainless steel pot wall controlling the fire channel for improved heating efficiency.

Parameter	Specification
Structure	The frame structure is equipped with double insulation material between the inner and outer walls of the pot.
Safety Device	Specially designed overload relief device to prevent improper operation.
Hydraulic Transmission System	Multi-channel integrated hydraulic control valve, forward and reverse stirring, stepless speed change
Hydraulic Oil Tank	50L
Heating System	Direct injection type stove (LPG)
Cooking Capacity	600kg × 2
Size	1.9 × 1.66 × 1.63m
Weight	950kg

Key Features

Feature	Description
Enhanced Dual-Cylinder Hydraulic System	The JW-1200 is equipped with a sophisticated dual-cylinder hydraulic system that delivers superior performance in heating and melting thermoplastic materials. This advanced setup provides rapid and uniform heating, minimizing downtime and improving construction efficiency. The dual-cylinder design ensures balanced heat distribution, resulting in consistent material melting and high-quality road marking performance.
Large Capacity for Maximum Efficiency	Engineered to accommodate substantial volumes of thermoplastic material, the JW-1200 is ideal for high-demand road marking operations. Its efficient heating system enables long continuous working periods with fewer refilling interruptions, significantly improving productivity. The 1200kg capacity makes it an excellent choice for contractors handling medium- and large-scale projects.
Operator-Friendly	The JW-1200 is designed for convenient operation with an intuitive

Feature	Description
Design	control system that simplifies daily use. Integrated safety features, including an overload relief device and reliable hydraulic controls, enhance operational safety and stability. Its compact structure also allows for easy transportation and movement between construction sites.
Durable and Reliable Construction	Built with premium stainless steel components and a double-insulated kettle structure, the JW-1200 offers excellent durability, efficient heat retention, and long service life. The maintenance-friendly design provides easy access to key components, helping reduce downtime and maintenance costs.

Application Scenarios

Industry	Application Details
Highway and Expressway Construction	Its powerful hydraulic system and large melting capacity make it suitable for highway and expressway marking projects where continuous thermoplastic supply is essential.
Municipal Road Projects	Ideal for urban roads, intersections, pedestrian crossings, parking lots, and municipal maintenance projects requiring stable material quality and efficient operation.
Industrial Parks and Logistics Centers	Suitable for factories, logistics parks, warehouses, ports, and other industrial facilities where durable thermoplastic road markings are required.
Professional Road Marking Contractors	The combination of hydraulic stirring, efficient LPG heating, and durable construction makes the JW-1200 an excellent solution for contractors seeking high productivity, reliable performance, and low maintenance costs.

Conclusion

The JW-1200 Hydraulic Double Cylinder Hot Melt Kettle is a reliable and efficient solution for thermoplastic road marking projects. With its advanced hydraulic transmission system, large melting capacity, user-friendly operation, and durable construction, it delivers excellent melting performance, stable operation, and long-term reliability. Choose the JW-1200 to improve construction efficiency, reduce downtime, and achieve high-quality road marking results.

Data Sheet

JW-1200 Oil And Gas Dual-use Hydraulic Double Cylinder Hot Melt Kettle

Product Overview

JW-1200 oil-gas dual-purpose hydraulic double-cylinder hot melt kettle is improved on the basis of gas-type hot melt kettle, which is suitable for areas where the temperature is too low and gas filling is inconvenient. The equipment adopts advanced oil-gas dual-purpose stoves (liquefied gas and diesel can be used as fuel), which fully ensures the convenience and economy of using fuel in special areas. Especially in areas with strong winds, the fuel-fired type is not easily affected by wind. It improves combustion efficiency, increases melting speed, and reduces construction costs. It is the first choice for hot melt construction in areas with large temperature differences.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	16HP electrically started evaporative water-cooled diesel engine
Internal Structure of the Fuselage	The double layer of the pot wall is used to control the fire channel. Special stainless steel pot bottom and pot wall are

Parameter	Specification
	adopted, with the special stainless steel pot wall controlling the fire channel for improved heating efficiency.
External Structure of the Fuselage	Stainless steel shell with vertical paddle-type stirring system. The energy device itself is equipped with an energy discharge device to prevent energy loss.
Hydraulic Transmission System	Multi-channel integrated hydraulic control valve, forward and reverse stirring, stepless speed change
Hydraulic Oil Tank	50L
Diesel Tank	100L
Heating System	Special oil and gas dual-use stoves
Cooking Capacity of the Pot	600kg × 2
Size	1.85 × 1.82 × 1.76m
Weight	1290kg

Key Features

Feature	Description
Dual-fuel Heating System	The JW-1200 features a unique oil and gas dual-use heating system, allowing users to switch seamlessly between diesel and LPG. This dual-fuel capability ensures that the kettle can be used in a wide range of environments, especially in areas where one fuel source may be more readily available or cost-effective. The kettle is equipped with a high-efficiency burner that provides rapid and uniform heating, significantly reducing melting time and energy consumption.
Hydraulic Double Cylinder Design	The JW-1200 incorporates a robust hydraulic double-cylinder system that ensures smooth and reliable operation. This design provides powerful and consistent stirring capabilities, with a multi-way integrated hydraulic control valve that allows for stepless speed adjustment and bidirectional

Feature	Description
	rotation. The hydraulic system is designed to handle heavy loads, ensuring long-term durability and minimal maintenance.
High-efficiency Melting and Energy-saving Features	The kettle is designed with energy efficiency in mind. Its advanced burner technology and optimized combustion system ensure high heating efficiency, reducing fuel consumption by up to 40% compared to traditional models. In addition, the kettle features a well-insulated double-layer structure that minimizes heat loss and maintains a stable melting temperature.
User-friendly Operation and Safety Features	The JW-1200 is equipped with an intuitive control panel that allows operators to easily set and monitor temperature and stirring parameters. The kettle also includes multiple safety features, such as an overload relief valve that protects the hydraulic system and an automatic shut-off mechanism that ensures safe operation.

Application Scenarios

Industry	Application Details
Cold Climate and High-altitude Areas	The dual-fuel heating system allows operators to use either diesel or LPG, making the kettle ideal for regions with low temperatures or where LPG supply is limited.
Windy Construction Environments	Compared with conventional gas-fired kettles, the oil-fired heating mode is less affected by strong winds, providing more stable combustion and improving melting efficiency.
Highway and Municipal Road Projects	With a 1200kg melting capacity and hydraulic stirring system, the kettle is suitable for continuous thermoplastic material supply in highway maintenance, municipal road construction, and urban traffic marking projects.
Professional Road Marking Contractors	The reliable hydraulic transmission system, energy-saving design, and dual-fuel flexibility make the JW-1200 an excellent choice for contractors working across different regions and construction environments.

Conclusion

The JW-1200 Oil And Gas Dual-use Hydraulic Double Cylinder Hot Melt Kettle is a versatile and efficient solution for thermoplastic road marking applications. Its advanced dual-fuel heating system, hydraulic double-cylinder design, and energy-saving features provide excellent melting efficiency, reliable operation, and outstanding adaptability in various working environments. Choose the JW-1200 to improve construction efficiency, reduce operating costs, and achieve consistent, high-quality road marking performance.

Data Sheet

JW-12L Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine

Product Overview

12 Cold Spray is the fastest and largest flow hand-push marking equipment in Haiwei Maxim's construction, suitable for construction in various harsh environments, especially the powerful hydraulic system to escort the cold spray construction. The outer wall of the aluminum hydraulic oil tank has aluminum heat sinks, which has good heat dissipation effect and has the best domestic pump.

Reference Photo



Technical Specifications

Parameter	Specification
Gasoline Engine	5.5HP Honda gasoline engine
How the Pump Operates	The internal displacement is directed to the hydraulic pump
Maximum Flow	12L
Print Width	50-600mm (double gun), the maximum of a single gun can reach 300mm

Parameter	Specification
Maximum Spray Pressure	23MPa
Maximum Line Speed	13km/h
Spray Nozzle	Single gun: 0.048 / Double gun: 0.033
Size	1.7 × 0.9 × 1m
Weight	140kg
Accessories	1. Laser pointer 2. Self-propelled system 3. Headlight 4. Automatic skip line system 5. Double component can be added 6. Glass bead bucket

Key Features

Feature	Description
Unmatched Performance	The JW-12L is equipped with a high-pressure airless spray system that ensures a smooth and even application of road marking materials. This technology allows for a consistent spray pattern, reducing the risk of overspray and ensuring that every line is sharp and clear. With its robust construction and powerful motor, the JW-12L can handle a variety of road marking paints, including water-based and solvent-based options, making it versatile for different applications.
User-Friendly Design	Designed with the operator in mind, the JW-12L features an ergonomic hand-push design that allows for easy maneuverability on various surfaces. The lightweight frame and adjustable handle make it comfortable to use for extended periods, reducing operator fatigue. Additionally, the machine is easy to set up and operate, with intuitive controls that allow users to adjust the spray width and pressure according to their specific needs.
High Efficiency and Productivity	One of the standout features of the JW-12L is its ability to cover large areas quickly and efficiently. With a high-capacity paint tank and a powerful spray nozzle, this machine can significantly reduce the time

Feature	Description
	required for road marking projects. This efficiency not only saves time but also lowers labor costs, making it an economical choice for contractors and municipalities alike.
Durable and Reliable	Built to withstand the rigors of daily use, the JW-12L is constructed from high-quality materials that ensure longevity and reliability. Its robust design can handle tough working conditions, making it suitable for both urban and rural road marking applications. The machine is also easy to maintain, with accessible components that simplify routine checks and repairs.

Application Scenarios

Industry	Application Details
Urban Road Marking	Suitable for city roads, intersections, pedestrian crossings, bicycle lanes, and other traffic marking applications requiring clear and accurate lines.
Highway Maintenance	Ideal for road repair and repainting projects, providing efficient and consistent marking performance.
Airport and Industrial Areas	Suitable for airport runways, factory roads, logistics areas, and other locations requiring precise traffic guidance.
Parking Lots and Commercial Areas	Perfect for parking spaces, residential areas, campuses, and commercial facilities.
Professional Road Construction Projects	Designed for contractors and municipalities requiring high-efficiency cold spray marking equipment.

Conclusion

The JW-12L Hand-Push High-Pressure Airless Cold Spray Road Marking Machine is a game-changer in the traffic safety industry. With its unmatched performance, user-friendly design, and

high efficiency, it is the perfect solution for all your road marking needs. Invest in the JW-12L today and experience the difference in quality and productivity for your road marking projects.

Data Sheet

JW-160 Hand Push Thermoplastic Marking Machine Product Overview

The JW-160 Hand Push Thermoplastic Marking Machine offers a practical and cost-effective solution for thermoplastic road marking applications. It is designed to provide clear, durable, and long-lasting markings on asphalt, concrete, and other surfaces. With its compact structure and easy-to-operate features, this machine is ideal for small to medium-sized projects, including parking lots, roads, industrial areas, and construction sites. It delivers high-quality marking performance with low maintenance requirements and excellent operational efficiency.

Reference Photo



Technical Specifications

Parameter	Specification
Paint Bucket	Dual-layer stainless steel thermal insulation heating bucket, capacity 100kg, equipped with insertable manual stirring device and detachable mechanism
Glass Bead Storage Box	Capacity 10kg per box
Glass Bead Spreader	Manual synchronized clutch automatic spreader, ensuring even and consistent bead distribution

Parameter	Specification
Line Marking Scoop	Made of ordinary cast iron, scraper structure, standard configuration 150mm
Hand Trowel	Tungsten carbide material, adjustable line thickness range: 1–2.5mm
Rubber Wheel	Iron rim with specially manufactured heat-resistant rubber
Heating Method	Liquefied petroleum gas
Line Width	100/150/200/250/300mm, different marking scoops can be selected according to project requirements
Dimensions and Weight	1210×900×1060mm, 114kg (excluding scoops and boxes)

Key Features

Feature	Description
Superior Design and Construction	The JW-160 Hand Push Thermoplastic Marking Machine is manufactured with durable materials to ensure reliable performance and long service life. Its sturdy frame is designed to withstand daily construction conditions, making it suitable for various road marking applications. The ergonomic handle provides comfortable operation, reducing operator fatigue and improving working efficiency.
Efficient Thermoplastic Application	Equipped with an efficient heating system, the JW-160 ensures thermoplastic materials are melted evenly and applied smoothly. This produces clear, uniform, and durable markings with excellent adhesion on various surfaces, including asphalt and concrete. The adjustable marking system allows operators to control application thickness according to different project requirements, ensuring consistent marking quality.
User-Friendly Operation	The JW-160 features a simple hand-push design with intuitive operation, allowing operators of different experience levels to quickly master the

Feature	Description
	equipment. Its compact structure provides excellent maneuverability, making it suitable for narrow spaces and flexible construction environments. The lightweight design also makes transportation and storage easier, improving overall project convenience.
Versatile Marking Capabilities	The JW-160 Hand Push Thermoplastic Marking Machine is capable of producing various thermoplastic markings, including: - Lane lines - Edge lines - Parking space markings - Directional arrows - Symbols - Letters - Traffic guidance markings It is widely used for parking lots, roads, construction sites, industrial areas, sports facilities, and municipal projects.

Application Scenarios

Industry	Application Details
Overview	The JW-160 Hand Push Thermoplastic Marking Machine is designed for flexible and efficient thermoplastic road marking applications. With its compact structure, simple operation, and reliable marking performance, it is an ideal solution for small and medium-sized projects requiring precise and durable thermoplastic markings.
Parking Lots and Commercial Areas	Suitable for parking space lines, traffic flow guidance markings, reserved parking areas, and safety zones in shopping centers, office buildings, and public parking facilities.
Residential Communities	Ideal for internal roads, parking spaces, pedestrian areas, and traffic organization markings in residential neighborhoods where compact equipment and easy operation are required.

Industry	Application Details
Municipal Roads and Urban Streets	Used for lane lines, edge lines, pedestrian crossings, directional arrows, and local road maintenance projects.
Industrial Parks and Factory Areas	Suitable for internal traffic lanes, warehouse routes, loading zones, safety areas, and factory floor guidance markings.
Construction Sites	Applicable for temporary and permanent traffic markings, safety zones, equipment areas, and construction site management markings.
Schools, Sports Facilities, and Public Areas	Suitable for playground markings, pedestrian guidance lines, parking areas, and safety markings around public facilities.
Road Maintenance Projects	Ideal for repairing worn markings, repainting existing lines, and carrying out routine road marking maintenance.
Small and Medium Road Construction Projects	A practical choice for contractors requiring a lightweight, portable, and cost-effective thermoplastic marking solution.

Conclusion

In summary, the JW-160 Hand Push Thermoplastic Marking Machine is a reliable and efficient solution for a wide range of thermoplastic marking applications. With its durable construction, compact design, easy operation, and stable marking performance, the JW-160 provides excellent value for contractors and maintenance teams.

Whether used for roads, parking lots, construction sites, industrial areas, or sports facilities, the JW-160 Hand Push Thermoplastic Marking Machine delivers clear, durable, and high-quality thermoplastic markings with reliable performance.

Data Sheet

JW-168 Riding-type Thermoplastic Marking Machine Product Overview

The JW-168 Riding-type Thermoplastic Marking Machine, developed by JACKWIN, represents an advanced solution in the field of traffic marking equipment. With a combination of reliable power, intelligent control, flexible marking modes, and user-friendly design, the JW-168 is designed to meet the requirements of various road marking projects.

Reference Photo



Core Specifications

Feature	Description
1. Engine Power and Heating Versatility	Powered by a reliable Honda GX390 liquefied gas engine with 13 HP, the JW-168 provides stable and efficient operation. The heating system supports two options: Liquefied gas heating, Diesel heating. Users can select the heating method according to project requirements and available resources. The machine can use a 15 kg liquefied gas tank (provided by the customer), offering flexibility for different construction environments.
2. Intelligent Vehicle Control System	The JW-168 Riding-type Thermoplastic Marking Machine is equipped with: CPU computer control board, German imported

Feature	Description
	Siemens control system. The intelligent control system provides: Precise operation, Stable performance, Higher automation level, Improved marking consistency.
3. Dual Working Modes	The JW-168 supports two marking modes: Standard solid and dotted lines, Raised oscillating lines. This dual-function design allows the machine to handle both conventional road markings and safety-enhancing vibration markings.
4. Efficient Travel Drive System	The machine adopts: Liquefied gas-powered travel system, Hydraulic drive, Stepless speed adjustment. Advantages: Smooth movement, Flexible speed control, Adaptation to different construction requirements, Improved marking efficiency.
5. High-grade Air Compressor	Equipped with an imported air compressor that also functions as an air pump. Parameters: Working pressure: 0.4–0.6 kg. The stable air supply ensures reliable operation of: Glass bead application system, Spray-related components.
6. Working Pressure and Capacity	Optimized operating pressure: 0.4 kg. Material capacity: Paint bucket capacity: 0.14 m ³ , Glass bead box: 25 kg. The large-capacity design reduces frequent material refilling and improves continuous working efficiency.
7. Speed and Gradient Performance	Operating speed: 0–20 km/h. Maximum climbing ability: 30° gradient. The machine can operate efficiently on different road conditions, including inclined surfaces.
8. Adjustable Marking Dimensions	The marking width can be adjusted: 5 cm, 10 cm, 15 cm, 20 cm, 30 cm, 40 cm, 45 cm. Additional adjustment: Raised marking height: 0–10 mm. This provides flexibility for different road marking requirements.
9. Other Features	Wheel system: Front wheels: 2 inflatable rubber wheels, Rear wheels: 2 inflatable rubber wheels, Tire specification: 15 × 6.00-6 NHS. Safety lighting system: LED headlights, Warning lights,

Feature	Description
	Turn signals, Control panel indicator lights. Additional equipment: 2 m retractable pointer for accurate alignment. Machine dimensions: 3 × 1.5 × 1.65 m. Machine weight: 980 kg.

Application Scenarios

Municipal roads
Parking lots
Urban streets
Residential areas
Small and medium road marking projects
Roads requiring raised vibration markings

Application Scenarios

The JW-628 Ride-On Thermoplastic Extrusion Line Striping Machine is designed for high-volume road marking projects on highways, expressways, airports, municipal roads, industrial parks, and large-scale infrastructure projects. It is particularly suitable for constructing thick thermoplastic extrusion markings and complex drainage line patterns on rough pavement surfaces such as slurry seal roads, delivering high productivity, excellent marking consistency, and superior maneuverability.

Data Sheet

JW-18CS Truck-mounted Cold Spray Road Marking Machine

Product Overview

The JW-18CS Truck-mounted Cold Spray Road Marking Machine is a truck-mounted cold spray road marking machine. It features a durable Kubota diesel engine and a super wear-resistant paint pump, delivering reliable performance for long-distance road marking projects. The machine supports multiple spraying methods to meet different road marking requirements and is designed for efficient, continuous operation with long-lasting marking quality.

Reference Photo



Power & Spraying System

Feature	Specification
Engine	Kubota D1505 Diesel Engine (26.1 kW), renowned for durability and reliability
Paint Pump	Super wear-resistant alloy plunger pump with a flow rate of 18 L/min
Operating Pressure	10–15 MPa (Rated Pressure: 20 MPa)
Marking Methods	High-pressure airless spraying; Optional dual-component 98:2 mixing spraying
Dimensions (L × W × H)	5995 × 2000 × 2330 mm

Material Storage

Feature	Specification
Paint Tank	700 L (single-tank design for efficient continuous operation)
Glass Bead Tank	300 L, pressure-fed bead dispensing system for improved retroreflectivity
Hardener Tank	10 L, specifically designed for the 98:2 dual-component mixing system
Note	Dual-component spraying configuration is optional

Construction Performance

Feature	Specification
Marking Width	Adjustable from 50 mm to 600 mm through interchangeable nozzles or marking shoes
Coating Thickness	0.2–0.6 mm, suitable for both conventional cold paint and dual-component road markings
Spray Gun	Standard configuration includes 2 pneumatic spray guns and 1 manual

Feature	Specification
Configuration	spray gun
Working Efficiency	Designed for long-distance continuous marking with large-capacity material tanks, reducing downtime caused by frequent refilling

Application Scenarios

The JW-18CS Truck-mounted Cold Spray Road Marking Machine is ideal for highways, expressways, airports, municipal roads, industrial parks, and other large-scale road marking projects. With its high-capacity material tanks, powerful diesel engine, and optional dual-component spraying capability, it is particularly suitable for long-distance continuous construction requiring high productivity, consistent line quality, and durable pavement markings.

Data Sheet

JW-18L Hand-Push and Vehicle-Mounted Dual-Use Cold-Spray Road Marking Machine

Product Overview

The machine uses a gasoline engine to drive a single plunger pump, which forms a high pressure inside the machine for spraying, so the thickness of the lines is uniform and the angles are even. The spray gun frame guide rod lifting design makes it easy to adjust the spray width accurately, with low labor intensity and quick and convenient construction. ☆ Can be modified for vehicle-mounted (Note: vehicle-mounted type can be equipped with a computer disconnection controller)

Reference Photo



Technical Specifications

Parameter	Specification
Motive Power	9HP Honda gasoline engine
Maximum Flow	18L/min
Working Pressure	10-18MPa
Print Width	Dual guns 50-600mm (single gun up to 300mm)

Parameter	Specification
Spraying Thickness	0.2-0.4mm, double guns can be sprayed at the same time
Size	1.7 × 1 × 1.1m
Weight	215kg

Key Features

Feature	Description
Dual-Use Functionality	The JW-18L stands out with its innovative dual-use design, allowing operators to switch seamlessly between hand-push and vehicle-mounted configurations. This flexibility enables users to tackle a wide range of road marking projects, from small urban areas to extensive highway applications. The hand-push mode is perfect for detailed work in tight spaces, while the vehicle-mounted mode allows for rapid marking of larger areas, maximizing efficiency and productivity.
Advanced Cold Spray Technology	Equipped with advanced cold spray technology, the JW-18L ensures a smooth and even application of road marking materials. This airless system minimizes overspray and provides a consistent spray pattern, resulting in sharp, clear lines that enhance road visibility. The machine is compatible with various types of road marking paints, including water-based and solvent-based options, making it suitable for different applications and environments.
User-Friendly Design	Designed with the operator's comfort and ease of use in mind, the JW-18L features an ergonomic hand-push design that allows for effortless maneuverability. The lightweight construction and adjustable handle ensure that operators can work comfortably for extended periods without fatigue. The intuitive control panel enables quick adjustments to spray width and pressure, allowing for customization based on specific project requirements.
High Efficiency and Productivity	The JW-18L is engineered for high efficiency, significantly reducing the time required for road marking projects. With a large-capacity paint tank and a powerful spray nozzle, this machine can cover extensive areas

Feature	Description
	quickly, making it an economical choice for contractors and municipalities. The ability to switch between hand-push and vehicle-mounted modes further enhances productivity, allowing for a versatile approach to road marking.
Durable and Reliable Construction	Constructed from high-quality materials, the JW-18L is built to withstand the rigors of daily use in various environments. Its robust design ensures longevity and reliability, making it suitable for both urban and rural road marking applications. Additionally, the machine is designed for easy maintenance, with accessible components that simplify routine checks and repairs, ensuring minimal downtime.

Application Scenarios

Industry	Application Details
Urban Road Marking Projects	Suitable for city roads, intersections, pedestrian crossings, and bicycle lanes where flexible operation is required.
Highway Construction and Maintenance	Vehicle-mounted mode allows efficient large-scale marking for highways, expressways, and long-distance road projects.
Airport Runways and Industrial Areas	Suitable for airports, factories, logistics parks, and other areas requiring clear and durable traffic markings.
Parking Lots and Commercial Areas	Hand-push mode provides precise marking for parking spaces, internal roads, and smaller areas.
Professional Road Marking Contractors	Ideal for contractors who need one machine for both detailed work and large-scale construction applications.

Conclusion

The JW-18L Hand-Push and Vehicle-Mounted Dual-Use Cold Spray Road Marking Machine is a game-changer in the traffic safety industry. With its innovative dual-use functionality, advanced cold spray technology, and user-friendly design, it redefines versatility in road marking applications. Invest in the JW-18L today and experience the transformative impact it can have on your road marking projects, ensuring safety and compliance in every application.

Data Sheet

JW-18L-2 Vehicle-Mounted Cold Spray Marking Machine

Product Overview

The JW-18L-2 Vehicle-Mounted Cold Spray Marking Machine represents an advanced solution in the field of large-scale road marking projects. Designed specifically for the demanding requirements of highways and airports, it delivers excellent efficiency and versatility for cold-paint marking applications.

Whether the project requires solid lines, dashed lines, double-yellow lines, or complex multi-color markings, the JW-18L-2 Vehicle-Mounted Cold Spray Marking Machine provides reliable and accurate performance. Its unique configuration makes it an ideal choice for professional contractors and road maintenance teams.

The JW-18L-2 Vehicle-Mounted Cold Spray Marking Machine is a specialized road marking system designed for large-scale highway and airport projects.

It is suitable for applying cold-paint markings including: Solid lines, Dashed lines, Double-yellow lines, Multi-color traffic markings.

With high-pressure spraying technology, large-capacity paint storage, and flexible gun configurations, the machine ensures efficient and durable marking operations.

Reference Photo



Key Features

Feature	Description
1. Dual-Gun Operation	The JW-18L-2 is equipped with two automatic spray guns and supports an additional manual flat spray gun. The dual-gun configuration provides: Faster marking speed, Higher construction efficiency, Flexible operation for different marking requirements. It is especially suitable for large-scale road marking projects requiring continuous operation.
2. Dual-Paint-Bucket Capacity	The machine features two independent paint buckets. Advantages: Allows simultaneous spraying of different colors, Reduces downtime caused by paint replacement, Improves productivity for complex marking projects. This configuration is suitable for applications requiring: White and yellow line combinations, Multi-color traffic markings, Large-area marking operations.
3. Adjustable Spray Parameters	The JW-18L-2 provides adjustable spraying parameters to meet different construction requirements. Spray width: 50–900 mm. Spray thickness: 0.2–0.6 mm. The system supports: Up to 6 spray guns working simultaneously. This allows the machine to handle both narrow detailed markings and wide-area road marking applications.

Technical Specifications

Parameter	Specification
Model	JW-18L-2 Vehicle-Mounted Cold Spray Marking Machine
Engine	Briggs & Stratton, 16.91 kW
Flow Rate	20 L/min × 2
Operating Pressure	30 MPa

Parameter	Specification
Spray Width	50–900 mm
Spray Thickness	0.2–0.6 mm
Paint Bucket Capacity	430 L × 2
Paint Bucket Size	765 × 555 × 1100 mm
Single Tank Volume	0.43 m ³
Single Tank Weight Capacity	Approx. 0.516 tons
Dimensions	1820 × 1420 × 1772 mm
Weight	Approx. 920 kg

Main Configurations

Configuration
Fuel tank
Gear pump
Two automatic spray guns
Pressure regulator
Two high-pressure hoses (3.5 m)
Accumulator
10-meter high-pressure hose
One manual spray gun

Configuration
Rotating sensing system
Commutator
Commutating cylinder
Spray gun rack
High-pressure paint pump
Vehicle-mounted water line rack
Filter screen
Air compressor

Two-Component Marking Capability

The JW-18L-2 Vehicle-Mounted Cold Spray Marking Machine can also be configured for: 1:1 two-component marking applications. It can be used for: Two-component cold paint, High durability road markings, Long-life traffic markings.

Applications

Application	Description
1. Highway Marking	The JW-18L-2 is highly suitable for highway construction and maintenance. Applications include: Lane lines, Edge lines, Double-yellow lines, Large-scale road marking projects. The high-pressure cold spray system ensures: Strong paint adhesion, Uniform coating, Long service life, High visibility.
2. Airport Marking	The JW-18L-2 Vehicle-Mounted Cold Spray Marking Machine is also designed for airport marking applications. Suitable for: Runways, Taxiways, Aprons. Advantages: High marking precision, Efficient large-area operation, Stable coating quality, Suitable for strict airport marking requirements.

Conclusion

The JW-18L-2 Vehicle-Mounted Cold Spray Marking Machine combines dual-gun operation, dual-paint-bucket capacity, adjustable spray parameters, and optional 1:1 two-component marking capability. With its high-pressure cold spray system, powerful engine, flexible configuration, and efficient construction performance, the JW-18L-2 provides a reliable and professional solution for large-scale highway, airport, and infrastructure marking projects.

Data Sheet

JW-200 Vehicle-mounted Hot Melt Kettle

Product Overview

The JW-200 Vehicle-mounted Hot Melt Kettle is designed for efficient thermoplastic material melting in large-scale road marking projects. Featuring a dual-cylinder large-capacity design, it supports continuous operation and significantly improves construction efficiency. Equipped with a high-efficiency temperature-controlled burner and an intelligent computer control system, it delivers fast melting performance, precise temperature regulation, and reliable operation.

Reference Photo



Main Features

Feature	Specification
Dual-cylinder Large Capacity Design	The JW-200 adopts a dual-cylinder structure (2000 kg total capacity), with each cylinder holding up to 1000 kg of thermoplastic material. The two kettles melt material simultaneously, enabling continuous operation and greatly improving construction efficiency, especially for large-area road marking projects.
Fast Melting Technology	The equipment uses a high-efficiency temperature-controlled burner combined with an optimized combustion chamber

Feature	Specification
	system to achieve complete fuel atomization and high-oxygen combustion. Compared with conventional equipment, the melting speed is increased by more than 30%, shortening construction time. It is also one of the first computer-controlled hot melt kettles developed in China.

Basic Parameters

Parameter	Specification
Model	JW-200 Vehicle-mounted Hot Melt Kettle
Engine	Kubota 1505 Engine
Control System	Fully computer controlled
Internal Kettle Structure	Double-layer kettle wall for optimized fire channel; automatic rotation after reaching the preset temperature; wind observation hole; air heat transfer; durable, deformation-resistant kettle bottom
External Kettle Structure	Stainless steel housing; 12 mm thickened steel plate; vertical paddle stirring; thermal oil heating structure
Cooling System	1000 L/min, 3.5 MPa
Heating System	Imported burner, 50,000 kcal; independent control of two kettles; computer-controlled automatic temperature regulation
Hydraulic Drive System	High-torque mixing system; multi-way integrated hydraulic control valve; forward/reverse stirring; stepless speed control
Kettle Capacity	1000 kg × 2
Dimensions	Hot Melt Kettle: 1690 × 1180 × 1180 mm; Power Box: 1450 × 650 × 830 mm
Weight	Hot Melt Kettle: 1290 kg × 2; Power Box: 330 kg

Parameter	Specification
Mixing Speed	Maximum 3000 rpm; Minimum 800 rpm
Voltage	12V

Application Scenarios

The JW-200 Vehicle-mounted Hot Melt Kettle is suitable for highways, expressways, municipal roads, airports, industrial parks, and other large-scale thermoplastic road marking projects. Its dual 1000 kg kettles, intelligent computer-controlled heating system, and high-efficiency burner make it ideal for continuous, high-volume thermoplastic material melting while ensuring stable temperature control and consistent material quality.

Data Sheet

JW-2000 Vehicle-mounted Silent Hot Melt Kettle

Product Overview

The JW-2000 Vehicle-mounted Silent Hot Melt Kettle (also known as a vehicle-mounted hot melt kettle) is the core equipment for road marking construction. It heats and melts powder coating into liquid before marking. Its core advantages lie in efficiency, flexibility, economy, and quiet operation.

Reference Photo



Basic Parameters

Parameter	Specification
Dual-Cylinder Large Capacity Design	This mainstream vehicle-mounted hot melt kettle features a dual-cylinder structure (2000 kg), with a single cylinder capacity of up to 1000 kg. The

	two cylinders can melt materials simultaneously, enabling continuous operation and significantly improving construction efficiency. It is especially suitable for large-scale road marking projects.
Fast Melting Technology	Equipped with a high-efficiency temperature-controlled imported burner and combustion chamber system, the equipment achieves comprehensive fuel atomization and high-oxygen combustion. The melting speed is increased by more than 30% compared with traditional equipment, effectively shortening construction cycles.
Hydraulic Intelligent Mixing System	The hydraulic transmission system provides continuously variable speed control and powerful forward/reverse mixing. It prevents paint accumulation and clogging, ensuring uniform melting and stable material quality.
Excellent Quietness	Through optimized structural design of key components, operating noise is effectively reduced. The machine is suitable for noise-sensitive construction environments such as residential areas, schools, and hospitals, minimizing disturbance to surrounding environments.

Truck Technical Parameters

Parameter	Specification
Truck Type	JAC
Fuel Consumption	≥11.4
Small Crane Load Capacity	≤500 kg

JW-2000 Diesel Temperature-Controlled Kettle Parameters

Parameter	Specification
Engine	Vehicle Power
Electrical System	DC 12V Power Supply

Parameter	Specification
Kettle Internal Structure	Double-layer pot wall for controlled fire path; windproof observation hole; air heat transfer; durable and non-deformable pot bottom
Kettle External Structure	Stainless steel housing; vertical paddle stirring; energy-saving device; built-in exhaust system to prevent energy loss
Hydraulic Transmission System	Multi-way integrated hydraulic control valve; forward/reverse stirring; stepless speed adjustment
Hydraulic Oil Tank	≥50 L
Diesel Tank	≥100 L
Heating System	Temperature-controlled burner, 50,000 kcal; fuel consumption approx. 4 L/hour; dual furnaces independently controlled; electronic automatic temperature adjustment
Kettle Capacity	1000 kg × 2
Dimensions	5995 × 2200 × 2750 mm
Weight	4160 kg

Product Advantages

Advantage	Description
1. Efficient Construction Capability	Dual-Cylinder Large Capacity Design: The JW-2000 adopts a dual-cylinder structure with a total capacity of 2000 kg. Each cylinder can hold up to 1000 kg of thermoplastic material. Advantages: Two cylinders operate simultaneously, Supports continuous construction, Reduces material refill frequency, Improves large-area marking efficiency. Rapid Melting Technology: Uses direct injection high-efficiency burner technology, Combines combustion chamber design with fuel atomization, Provides high-oxygen combustion, Melting speed

Advantage	Description
	improved by more than 30% compared with traditional equipment. Hydraulic Intelligent Mixing System: Hydraulic drive mixing system, Stepless speed adjustment, Forward and reverse stirring, Prevents paint sedimentation and blockage, Ensures uniform material melting. Vehicle Power System: Can use vehicle power system with approximately 200 kW output. Retarding System: Provides stable speed reduction control, Ensures consistent vehicle-mounted construction speed. Computer Control System: Features: Automatic temperature control, LCD display, Speed control, Oil temperature monitoring, Forward/reverse rotation control. Hot Oil System: Supports thermal oil heating and heat preservation.
2. Flexibility and Adaptability	Easy Vehicle-mounted Mobility: Mounted directly onto construction vehicles, No secondary loading/unloading required, Quickly transported between different construction locations. Suitable for: Highways, Urban roads, Underground parking garages, Emergency road marking projects. Optimized Design for Special Applications: Garage-specific Design - Low-profile structure, Suitable for underground multi-level parking garages. Small Single-cylinder Models - Suitable for: Residential parking spaces, Service areas, Small-area marking projects. Night Construction - Reduced diesel engine noise, Suitable for nighttime construction in residential areas.
3. Economic and Environmental Advantages	Optimized Energy Consumption: Three-layer flame-retardant insulation structure, Reduces heat loss, Improves combustion efficiency, Reduces overall energy consumption by 15%–30%. Additional advantages: Uses vehicle engine power, Eliminates auxiliary engine, Lower operating noise. Long Service Life & Low Maintenance: High-temperature-resistant kettle body, Reinforced hydraulic motor design, Low failure rate, Maintenance cost reduced compared with traditional equipment. Environmental Compliance: Exhaust emissions meet environmental requirements, No harmful gas emissions, Suitable for environmentally sensitive urban construction areas.

Advantage	Description
4. Safety and Stability	Intelligent Protection System: Equipped with overload relief valve, Automatically releases abnormal pressure, Prevents equipment damage caused by improper operation. Strong Structural Stability: Frame-type structure, Suspended cylinder design, Uniform heating, Prevents deformation, Extends service life. Unique Combustion Chamber Design: Ensures stable and powerful combustion, Improves heating efficiency.
5. Expanded Applications	Besides road marking construction, the JW-2000 can also be used for: Asphalt Crack Repair - Used together with crack sealing machines, Repairs irregular asphalt pavement cracks. Industrial Applications - Hot melt adhesive lamination, Automotive parts bonding, Other industrial heating applications.

Data Sheet

JW-23CX Road Marking Removal Machine

Product Overview

The JW-23CX road marking and stripping machine is known as one of the most outstanding equipment in the history of mechanical stripping machines. It is highly praised for its extremely low failure rate, high working efficiency, no need for frequent bearing replacement, excellent road surface grinding effect, and easy maintenance. The cutter head design of this stripping machine has multiple modes, which can flexibly adapt to and meet the specific needs of different types of roads, thus ensuring excellent performance in various working environments.

Reference Photo



Technical Specifications

Parameter	Specification
Motive Power	Longxin 30HP gasoline engine
Oil Wear	2-3L/H (95# gasoline)
Speed	3600r/min
Excluding Line Width	26cm

Parameter	Specification
Remove Line Depth	Adjust according to the need and ground condition, generally no more than 1mm (0–3mm) per adjustment
Speed of Removal	About 1000–2000m ² /day
Knife Blade Life	200,000 m ² / 100,000 m ² / 10,000 m ² (depending on grinding head type)
Size	1.5×0.725×1.15m
Weight	Bare machine: 210kg
Grinding Head Options	Polymerized grinding head: 33kg (13 pcs, 3 blades/piece), 200,000 m ² ; Welding alloy grinding head: 35kg (13 pcs, 9 edges/piece), 100,000 m ² ; Full alloy grinding head: 33kg (42 pcs, 12 edges/piece), 10,000 m ²

Key Features

Feature	Description
Advanced Dust Recycling System	The JW-23CX Road Marking Removal Machine features an advanced dust recycling system that captures and recycles the dust generated during the removal process. This not only reduces the environmental impact but also ensures a cleaner worksite. The dust recycling system is designed to minimize airborne particles, making the machine safer for operators and the surrounding environment. This eco-friendly feature is a significant advantage in areas where environmental regulations are strict.
High-Efficiency Removal Technology	The JW-23CX is equipped with state-of-the-art removal technology that ensures quick and efficient removal of road markings. The machine uses a combination of mechanical and thermal processes to remove paint and other marking materials without damaging the road surface. This high-efficiency technology ensures that the machine can handle large areas quickly, reducing downtime and increasing productivity.
User-Friendly	The JW-23CX is designed with user-friendliness in mind. The machine

Feature	Description
Design	features an ergonomic design that makes it easy to operate and maneuver. The control panel is intuitive, allowing operators to adjust settings quickly and efficiently. The machine's compact size and lightweight design make it easy to transport and set up, even in tight spaces.
Durable and Reliable Construction	Built to last, the JW-23CX is constructed with high-quality materials and components. The machine is designed to withstand the rigors of daily use in various weather conditions. Its robust construction ensures long-lasting performance and minimal maintenance requirements, making it a reliable choice for road maintenance teams.
Cost-Effective Solution	The JW-23CX Road Marking Removal Machine is not only efficient and eco-friendly but also cost-effective. The machine's high efficiency means that it can complete jobs faster, reducing labor costs. The dust recycling system also reduces the need for frequent disposal of waste materials, further lowering operational costs. This makes the JW-23CX an economical choice for both small and large-scale road maintenance projects.

Application Scenarios

Industry	Application Details
Highway and Expressway Maintenance	The JW-23CX Road Marking Removal Machine is designed for high-volume road maintenance projects on highways and expressways. Its powerful removal performance and integrated dust recycling system enable fast and efficient removal of worn thermoplastic and cold paint markings while maintaining a cleaner working environment.
Urban Road Rehabilitation	Ideal for municipal road renovation, the JW-23CX efficiently removes lane lines, arrows, pedestrian crossings, and traffic symbols before remarking. The dust collection system helps reduce airborne particles, making it suitable for construction in busy urban areas.
Airport Runway and Taxiway	The machine is well suited for airports where cleanliness and operational efficiency are essential. It quickly removes obsolete runway and taxiway

Industry	Application Details
Maintenance	markings while reducing dust pollution and minimizing disruption to airport operations.
Environmentally Sensitive Construction Areas	Equipped with an advanced dust recycling system, the JW-23CX is an excellent choice for projects near residential communities, schools, hospitals, commercial districts, and other environmentally sensitive locations where dust control is required.
Professional Road Maintenance Contractors	With its high daily removal capacity, multiple grinding head options, low failure rate, and easy maintenance, the JW-23CX is an ideal solution for professional contractors handling continuous, large-scale road marking removal projects.

Conclusion

In conclusion, the JW-23CX Road Marking Removal Machine is an efficient, eco-friendly, and cost-effective solution for road maintenance and marking removal. With its advanced dust recycling system, high-efficiency removal technology, user-friendly design, durable construction, and wide range of applications, the JW-23CX is a reliable choice for modern road maintenance needs. Whether used in road maintenance, construction sites, airports, parking lots, or urban and rural roadways, the JW-23CX ensures that road markings are removed quickly and safely, contributing to a safer and more efficient transportation environment.

Data Sheet

JW-2T Diesel Hydraulic Double-Cylinder Hot Melt Kettle

Product Overview

As a leading production factory in the traffic safety industry, we are excited to introduce the JW-2T Diesel Hydraulic Double-Cylinder Hot Melt Kettle. This advanced machine is designed to enhance efficiency and reliability in road marking applications, making it an essential tool for professionals in the field. The JW-2T combines powerful diesel operation with a robust hydraulic system and dual-cylinder technology to deliver consistent and high-quality performance.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	28ps(20kw) Electric Start Evaporative Water-Cooled Diesel Engine
Inner Structure of the Kettle Body	Double-layer kettle wall for controlling the fire channel, including special stainless steel kettle wall for controlling the fire channel and a hanging material bucket
Outer Structure of the Kettle	Stainless steel shell, vertical blade type stirring energy device

Parameter	Specification
Body	with an energy discharge device to prevent energy loss
Hydraulic Drive System	Multipath integrated hydraulic control valve, forward and reverse stirring, stepless speed change
Hydraulic Oil	0.14m ³
Diesel Tank	Approximately 100L
Heating System	Special dual-purpose oil and gas furnace
Kettle Capacity	1000kg*2
Dimensions	2.032.032.03m
Weight	1600kg

Key Features

Feature	Description
Diesel-Powered Hydraulic System	The JW-2T is equipped with a powerful diesel engine that drives a hydraulic system, ensuring smooth and reliable operation. This combination provides the necessary power to handle heavy-duty tasks while maintaining efficiency and fuel economy. The hydraulic system is designed to withstand continuous use, making it ideal for large-scale road marking projects.
Dual-Cylinder Technology	One of the standout features of the JW-2T is its dual-cylinder design. This innovative technology allows for simultaneous melting and mixing of road marking materials, ensuring a consistent and high-quality output. The dual-cylinder system also provides redundancy, reducing the risk of downtime and ensuring continuous operation.
User-Friendly and Safe Operation	The JW-2T is designed with user-friendliness and safety in mind. Its ergonomic design ensures that operators can work efficiently and comfortably, even during long hours of operation. The machine includes safety features such as emergency stop buttons and protective guards to

Feature	Description
	minimize the risk of accidents. Additionally, the JW-2T is designed to reduce emissions and noise pollution, making it an environmentally friendly choice.
Durable Construction	Built to last, the JW-2T is constructed with high-quality materials that ensure durability and reliability in various operating conditions. The machine's robust construction ensures minimal downtime and maintenance, allowing for continuous operation in demanding environments.

Application Scenarios

Industry	Application Details
Highway and Expressway Projects	Suitable for large-scale road marking construction on highways, expressways, and major transportation routes where continuous thermoplastic material supply is required.
Municipal Road Construction	Ideal for urban roads, intersections, pedestrian crossings, and large-scale road maintenance projects.
Airport and Industrial Areas	Suitable for airport runways, logistics parks, ports, factories, and industrial areas requiring durable and high-quality road markings.
Professional Road Marking Contractors	Designed for professional contractors handling large-volume projects, offering high productivity, reliable performance, and reduced downtime.

Conclusion

In summary, the JW-2T Diesel Hydraulic Double-Cylinder Hot Melt Kettle is a powerful and reliable tool for the traffic safety industry. Its advanced technology, user-friendly design, and durable construction make it a reliable choice for a wide range of applications. Choose the JW-2T to enhance your road marking projects and achieve unparalleled efficiency and precision.

Data Sheet

JW-2T Diesel Oil Temperature Control Hot Melt Kettle Product Overview

As a leading production factory specializing in road marking equipment, we are proud to introduce the JW-2T Diesel Oil Temperature Control Hot Melt Kettle. This advanced machine is designed to provide precise temperature control and high efficiency for melting hot melt marking materials, making it an essential tool for the traffic safety industry. The JW-2T combines powerful diesel operation with a robust hydraulic system and advanced temperature control technology to ensure consistent performance and reliability.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	28hp Changchai diesel engine
Electronic Systems	Alternating current 220V, with leakage protection device
Internal Structure of the Fuselage	The double layer of the pot wall is used to control the fire channel. Windproof observation hole, air heat transfer, pot bottom durable and unshaped

Parameter	Specification
External Structure of the Fuselage	Stainless steel shell, upright paddle type stirrer. The energy device itself has an energy discharge device to prevent energy loss
Hydraulic Transmission System	Multi-channel integrated hydraulic control valve, forward and reverse mixing, stepless speed change
Hydraulic Oil Tank	70 litres with radiator
Diesel Tank	130 litres (0.139m ³), three-stage filtration
Heating System	Italian imported burner, 100,000 kcal, oil consumption about 10L per hour. Two furnaces can be controlled separately, with electronic control to automatically adjust the temperature
Cooking Capacity	1000kg × 2
Size	2100 × 2000 × 2030mm
Weight	1750kg

Key Features

Feature	Description
Diesel-Powered Hydraulic System	The JW-2T is powered by a 28hp (20kW) electric start evaporative water-cooled diesel engine. This powerful engine drives a hydraulic system that ensures smooth and reliable operation, even in demanding conditions. The hydraulic system includes a multi-channel integrated hydraulic control valve, allowing for forward and reverse mixing as well as continuously variable speed adjustment.
Advanced Temperature Control	The JW-2T features a dual temperature control computer thermostat that allows operators to adjust the temperature freely within the range of 50°C to 250°C. This precise control ensures that the hot melt material is heated to the optimal temperature for application, resulting in high-quality road markings. The temperature is accurately adjusted according to ambient temperature and material conditions, ensuring consistent performance.

Feature	Description
User-Friendly Design	The JW-2T is designed with user-friendliness in mind. Its ergonomic design and intuitive controls make it easy to operate and maintain. The machine also includes safety features such as emergency stop buttons and protective guards to minimize the risk of accidents.
Durable Construction	Built to last, the JW-2T is constructed with a stainless steel shell and special stainless steel pot walls. The double-layer pot wall design controls the fire path, ensuring efficient heating and energy conservation. The machine's robust construction ensures minimal downtime and maintenance, allowing for continuous operation in demanding environments.

Application Scenarios

Industry	Application Details
Overview	The JW-2T Diesel Oil Temperature Control Hot Melt Kettle is designed for medium-scale and professional road marking projects that require stable heating performance, accurate temperature control, and reliable material supply.
Urban Road and Municipal Projects	Suitable for city roads, intersections, pedestrian crossings, parking lots, and municipal road maintenance projects, providing stable hot melt material quality for various marking applications.
Highway and Expressway Maintenance	The efficient heating system and dual cooking capacity make it suitable for highway maintenance and medium-scale road marking operations requiring continuous material supply.
Industrial Areas and Parking Facilities	Ideal for industrial parks, factories, logistics areas, and large parking facilities where durable and highly visible thermoplastic markings are required.
Road Marking Contractors	With its hydraulic mixing system, precise temperature control, and reliable diesel power, the JW-2T is an excellent choice for professional contractors performing regular thermoplastic marking projects.

Conclusion

In summary, the JW-2T Diesel Oil Temperature Control Hot Melt Kettle is a powerful and reliable tool for the traffic safety industry. Its advanced temperature control, user-friendly design, and durable construction make it a reliable choice for a wide range of applications. Choose the JW-2T to enhance your road marking projects and achieve unparalleled efficiency and precision.

Data Sheet

JW-300 Mechanical Single Cylinder Hot Melt Kettle Product Overview

JW-300 and JW-600 are derivatives of mechanical double-cylinder hot melt kettles. This equipment has the characteristics of light weight, small size, convenient transportation and low price. It is suitable for small-scale construction projects such as parking lots, property communities, factories, enterprises and docks.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	6.6ps diesel engine
Hydraulic Drive Mode	The diesel engine drives the stirring shaft through the turbine gearbox and clutch gear
Tank Capacity	350L cylinder, steel boiler bottom, vertical paddle mixer
Mode of Operation	The in-cylinder agitator is manually controlled by clutch teeth to perform uniform mixing
Heating System	Liquefied petroleum gas, high efficiency and energy saving

Parameter	Specification
	burner/direct injection stove
Shape and Structure	The frame is closed, and the inner shell of the pot is equipped with insulation board and heat insulation material between the outer cover plate
Size	1.340.751.66m
Weight	425kg

Key Features

Feature	Description
Mechanical Single-Cylinder Design	The JW-300 Mechanical Single Cylinder Hot Melt Kettle is designed for simplicity and reliability. Its mechanical single-cylinder design ensures stable operation and easy maintenance. The vertical paddle stirrer provides uniform mixing of the hot melt material, ensuring consistent quality for road marking applications.
Heating System	The JW-300 is equipped with an efficient heating system powered by a 6.5ps diesel engine. This system ensures rapid heating and melting of the hot melt material, significantly reducing preparation time for road marking projects.
Durable and Safe Construction	Constructed with a stainless steel kettle body and a high-carbon steel pot bottom, the JW-300 is designed to withstand the rigors of daily use. The kettle body is insulated with high-quality heat preservation materials to maintain temperature consistency and reduce energy consumption.
Easy Operation and Maintenance	The JW-300 features a user-friendly design that ensures easy operation and maintenance. Its mechanical controls are intuitive, allowing operators to quickly master the machine. The compact size and lightweight design make it easy to transport and set up at different job sites.

Application Scenarios

Industry	Application Details
Parking Lots	Suitable for parking space marking, traffic arrows, directional markings, and other thermoplastic applications in indoor and outdoor parking areas.
Property Communities	Ideal for residential roads, pedestrian areas, speed bump markings, and community traffic management projects.
Factories and Enterprises	Applicable for factory roads, enterprise parking areas, warehouses, and internal traffic marking applications.
Docks and Small Industrial Areas	Suitable for docks, logistics areas, and other small industrial sites where flexible and portable marking equipment is required.

Conclusion

In summary, the JW-300 Mechanical Single Cylinder Hot Melt Kettle is a reliable and efficient solution for melting and mixing hot melt marking materials. Its robust construction, user-friendly design, and efficient operation make it an ideal choice for a wide range of traffic safety applications. Choose the JW-300 to enhance your road marking projects and achieve unparalleled efficiency and precision.

Data Sheet

JW-320 Electric Thermoplastic Marking Machine

Product Overview

The JW-320 Electric Thermoplastic Marking Machine is a key equipment for thermoplastic road marking construction. It is used together with a thermoplastic kettle to complete road marking projects. The JW-320 adopts an energy-efficient electric power system, which reduces operator fatigue and improves construction efficiency. With easy operation, stable performance, and excellent marking quality, it is widely used in modern road marking applications.

Reference Photo



Technical Specifications

Parameter	Specification
Working Voltage	48V
Battery	Lithium battery with digital power display, 30AH, portable charging design
Working Duration	1-3 days
Night Lighting System	LED headlight

Parameter	Specification
Steering System	Hard alloy differential steering system
Drive Mode	Dual-wheel differential drive, maintaining stable speed on different road conditions
Drive Motor	Brushless super-quiet high-power and high-torque motor
Controller	High-precision regulator with brake control system and uphill/downhill assistance system
Line-drawing Bucket	High-precision manganese alloy cast steel marking bucket with imported alloy edge knife
Paint Bucket Capacity	100kg
Glass Bead Spreading System	Synchronous clutch sowing system, adjustable width 2.5–20cm, capacity 25kg
Size	1.1 × 0.9 × 1m
Weight	170kg

Key Features

Feature	Description
Advanced Electric Design	The JW-320 Electric Thermoplastic Marking Machine is powered by a high-performance electric drive system, providing stable, quiet, and reliable operation. Compared with traditional hand-push marking machines, the electric self-propelled design significantly reduces operator fatigue and improves construction efficiency.
	The compact structure and differential steering system provide excellent maneuverability, allowing precise marking operations even in narrow spaces and complex road conditions.
Efficient Thermoplastic	The JW-320 is designed to work together with a thermoplastic kettle to complete road marking construction. Equipped with a high-precision

Feature	Description
Application	marking bucket and adjustable glass bead spreading system, it ensures smooth, uniform, and durable thermoplastic markings. The adjustable glass bead system improves reflective performance and helps achieve better visibility during nighttime and wet-weather conditions.
User-Friendly Operation	The JW-320 features an intuitive control system with simple operation and convenient adjustment. The electric drive system, automatic braking function, and differential steering design make the machine easier to control and safer during operation. The built-in LED lighting system allows the machine to work efficiently in low-light environments, extending working flexibility.
Energy-Efficient and Low Maintenance	Powered by a rechargeable lithium battery system, the JW-320 eliminates fuel consumption and reduces operating noise and maintenance requirements. The brushless motor provides high efficiency, long service life, and reliable performance for continuous road marking projects.
Versatile Marking Capabilities	The JW-320 Electric Thermoplastic Marking Machine is suitable for producing various thermoplastic road markings, including: - Lane lines - Edge lines - Center lines - Parking lot markings - Directional arrows - Symbols - Letters - Traffic guidance markings It is widely applicable for highways, urban roads, parking areas, industrial parks, airports, and municipal road maintenance projects.

Application Scenarios

Industry	Application Details
Overview	The JW-320 Electric Thermoplastic Marking Machine is designed for efficient and environmentally friendly thermoplastic road marking operations. With its electric drive system, low-noise operation, precise control, and flexible mobility, it is suitable for a wide range of road construction and maintenance applications.
Urban Roads and Municipal Streets	Ideal for lane lines, edge lines, center lines, pedestrian crossings, directional arrows, and other traffic guidance markings where quiet operation is required.
Residential Communities and Public Areas	Suitable for internal roads, parking spaces, pedestrian zones, and traffic organization markings in residential areas, schools, hospitals, and public facilities.
Parking Lots and Commercial Facilities	Used for parking space lines, traffic flow guidance, reserved areas, and safety markings in shopping centers, office buildings, and public parking areas.
Industrial Parks and Factory Areas	Suitable for factory roads, warehouse lanes, logistics routes, loading zones, and internal safety markings.
Highways and Road Maintenance Projects	Applicable for maintenance and renewal of existing thermoplastic markings, including lane markings, edge lines, and traffic safety markings.
Airports, Ports, and Transportation Hubs	Ideal for operational roads, guidance markings, restricted areas, and traffic management systems requiring reliable and accurate marking.
Night Construction and Low-Light Environments	Equipped with an LED lighting system, the machine can support marking operations in early morning, evening, or low-visibility conditions.

Industry	Application Details
Environmentally Sensitive Areas	The electric power system provides low-noise and low-emission operation, making it suitable for areas with strict environmental requirements.

Conclusion

In summary, the JW-320 Electric Thermoplastic Marking Machine is an efficient, environmentally friendly, and reliable solution for modern thermoplastic road marking applications. With its electric drive system, differential steering technology, high-precision marking components, and user-friendly operation, the JW-320 delivers excellent marking accuracy, improved construction efficiency, and reduced operator fatigue.

It is an ideal choice for contractors, municipalities, and road maintenance professionals who require quiet operation, stable performance, and high-quality thermoplastic road markings.

Data Sheet

JW-3A Multifunctional Hot Melt Marking Machine Product Overview

The JW-3A Multifunctional Hot Melt Marking Machine is hydraulically driven and equipped with a hub motor, allowing for smooth and continuously variable speed control. The machine also features a reliable mechanical parking brake for enhanced safety.

Designed with two rear wheels and one front driving wheel, the unit can achieve nearly 80° turning angles on both the left and right through its steering system. This design results in an exceptionally small turning radius of just 1.5 meters (measured from the stationary rear wheel), making it highly maneuverable in confined areas.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	HD2V95 air-cooled diesel engine, 1247 cc
Rated Power	20 kW / 3600 rpm
Air Compressor	Italian-style twin-cylinder 2070 compressor head, 0.8 MPa, 1050 rpm, 320 L/min

Parameter	Specification
Pressurized Glass Bead Container	50 kg (maximum pressure: 1 bar)
Paint Tank Capacity	0.28 m ³
Paint Tank Type	Double-walled stainless steel insulated heating tank
Dimensions (L × W × H)	2650 × 1050 × 1600 mm (depending on configuration)
Weight (including accessories)	Approximately 650–950 kg (1433–2095 lbs)
Control System	Intelligent control panel
Steering System	Hydraulic power steering

Key Features

Feature	Description
Flameless & Cylinder-Free	No open flames or gas cylinders required, effectively meeting construction requirements in areas with strict fire safety regulations.
Built-in 50,000 kcal Imported Burner	Directly heats the thermoplastic material, eliminating the need for a separate preheating kettle.
Tricycle Design with 1.5 m Turning Radius	Excellent maneuverability, ideal for ramps, intersections, roundabouts, and narrow roads.
Hydraulic Stepless Transmission & Stable Hill Braking	Provides smooth driving performance and reliable braking on slopes for enhanced operational safety.
Aluminum Magnesium Silicate Insulation	High-efficiency thermal insulation that minimizes heat loss while significantly reducing the risk of burns.

Application Scenarios

The JW-3A Multifunctional Hot Melt Marking Machine is suitable for municipal roads, urban streets, highways, industrial parks, airports, parking lots, and other road marking projects. Its built-in burner eliminates the need for an external thermoplastic preheater, making it especially suitable for projects requiring high mobility, rapid deployment, and operation in locations where open flames or LPG cylinders are restricted. The compact three-wheel design and small turning radius also make it ideal for intersections, ramps, roundabouts, and other confined working environments.

Data Sheet

JW-400 Hydraulic Single Cylinder Hot Melt Kettle Product Overview

The 400 hydraulic single-cylinder kettle adopts hydraulic transmission, independent cylinder body, imported four-ring fire high-efficiency energy-saving burner, with the characteristics of high melting efficiency, small size, light weight, easy handling, etc. It is suitable for small-scale construction in parking lots, property communities, factories, enterprises, docks, etc.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	7.7ps diesel engine
Hydraulic Pressure System	The hydraulic reversing control valve is used for positive and reverse stirring, and the speed is infinitely variable
Fluid Motor	BM500 model
Hydraulic Oil Tank Capacity	40L
Tank Capacity	350L cylinder, steel boiler bottom, vertical paddle mixer

Parameter	Specification
Safety Device	The specially designed overload relief device can prevent misoperation
Heating System	Liquefied petroleum gas, off-effect energy saving burner/direct injection stove
Shape and Structure	The frame is closed, and the inner shell of the pot is equipped with insulation board and heat insulation material between the outer cover plate
Size	1.70.841.49m
Weight	520kg

Key Features

Feature	Description
Hydraulic Transmission System	The JW-400 Hydraulic Single Cylinder Hot Melt Kettle features a robust hydraulic transmission system that ensures smooth and reliable operation. The hydraulic system includes a reversible paddle stirrer that provides uniform mixing of the hot melt material, ensuring consistent quality for road marking applications. The hydraulic system also features stepless speed control, allowing operators to adjust the mixing speed according to the material's viscosity.
Heating System	The JW-400 is equipped with a powerful 7.5PS diesel engine that drives the hydraulic system, providing efficient and rapid heating of the hot melt material. The heating system includes a direct-injection burner that ensures high combustion efficiency and energy savings. The kettle body is insulated with high-quality heat preservation materials to maintain temperature consistency and reduce energy consumption.
Durable and Safe Construction	Constructed with a stainless steel kettle body and a high-carbon steel pot bottom, the JW-400 is designed to withstand the rigors of daily use. The kettle body is insulated with high-quality heat preservation materials to maintain temperature consistency and reduce energy consumption. The

Feature	Description
	JW-400 also includes multiple safety features such as an overload relief valve to prevent damage due to incorrect or rough operation.
Easy Operation and Maintenance	The JW-400 features a user-friendly design that ensures easy operation and maintenance. Its mechanical controls are intuitive, allowing operators to quickly master the machine. The compact size and lightweight design make it easy to transport and set up at different job sites.

Application Scenarios

Industry	Application Details
Parking Lots	Suitable for parking space marking, traffic arrows, pedestrian crossings, and other thermoplastic marking applications in indoor and outdoor parking areas.
Property Communities	Ideal for internal roads, residential areas, speed bumps, and pedestrian markings where flexible and lightweight equipment is required.
Factories and Enterprises	Applicable for factory roads, enterprise parking areas, logistics zones, and internal traffic management markings.
Docks and Small Industrial Areas	Suitable for docks, warehouses, and other industrial locations requiring durable road marking solutions with convenient equipment handling.

Conclusion

In summary, the JW-400 Hydraulic Single Cylinder Hot Melt Kettle is a reliable and efficient solution for melting and mixing hot melt marking materials. Its robust construction, user-friendly design, and efficient operation make it an ideal choice for a wide range of traffic safety applications. Choose the JW-400 to enhance your road marking projects and achieve unparalleled efficiency and precision.

Data Sheet

JW-4021 Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine

Product Overview

The JW-4021 Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine ushers in a new era of operational adaptability within the road marking industry. Its ground-breaking hand-push design furnishes operators with unprecedented command over the machine's movement and speed. This unique characteristic equips the JW-4021 to deftly navigate through cramped spaces and convoluted road settings. It has emerged as the prime choice for road marking projects in narrow byways, residential thoroughfares, parking lots, and other comparable locations where precision and versatility are absolutely essential.

Reference Photo



Technical Specifications

Parameter	Specification
Maximum Flow	4 L/min
Hydraulic Pump	Domestic
Print Width	Maximum single gun is 150-300mm

Parameter	Specification
Honda Engine	5.5HP
Size and Weight	1.7 × 0.9 × 1m, weight 85kg

Key Features

Feature	Description
High-Pressure Airless Cold-Spray Technology	The JW-4021 utilizes cutting-edge high-pressure airless cold-spray technology, which eliminates the need for compressed air and ensures a consistent, high-quality spray pattern. This technology allows for even application of marking paint, resulting in clear and durable road markings. The powerful hydraulic system ensures stable performance, even under heavy loads, making it ideal for various road marking projects.
Adjustable Line Width and Thickness	One of the key features of the JW-4021 is its ability to adjust the line width and thickness according to specific project requirements. With a maximum line width of 300 mm and adjustable thickness ranging from 0.2 to 0.4 mm, this machine can handle a wide variety of marking tasks, from narrow lane dividers to wide crosswalks. This flexibility makes it an ideal choice for contractors and road maintenance crews who need to meet diverse marking specifications.
Ergonomic Hand-Push Design	The JW-4021 is designed with user-friendliness in mind. Its hand-push mechanism allows operators to easily maneuver the machine along the road surface, ensuring precise alignment and application of markings. The lightweight yet sturdy construction ensures that the machine can be moved effortlessly, even on uneven terrain. This design not only enhances operational efficiency but also reduces the physical strain on operators, making it suitable for long hours of use.
Durable and Reliable Construction	Built to withstand the rigors of daily use, the JW-4021 is constructed with high-quality materials. The aluminum hydraulic oil tank and heat sink provide excellent heat dissipation, ensuring the machine operates efficiently even under heavy loads. The main components, including the hydraulic pump and nozzle, are imported to ensure the highest quality and performance, making the JW-4021 a reliable choice for long-term use.

Application Scenarios

Industry	Application Details
Residential Roads and Narrow Streets	Suitable for community roads, narrow lanes, and areas with limited working space where accurate marking is required.
Parking Lots and Commercial Areas	Ideal for parking spaces, traffic guidance lines, and small-scale marking projects.
Urban Road Maintenance	Suitable for road repainting, local repair works, and daily maintenance projects.
Industrial Facilities	Applicable for factory roads, warehouses, logistics areas, and internal traffic marking.
Small and Medium Road Marking Projects	A practical solution for contractors requiring a lightweight and flexible cold spray marking machine.

Conclusion

The JW-4021 Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine is a revolutionary tool that significantly enhances flexibility and efficiency in road marking. Its advanced technology, user-friendly design, and durable construction make it a reliable choice for a wide range of applications in the traffic safety industry. Choose the JW-4021 to transform your road marking projects and achieve unparalleled efficiency and precision.

Data Sheet

JW-4T&6T Energy Efficient Temperature Control Hot Melt Kettle

Product Overview

The hot melt kettle is equipped with an efficient stirring arm and a 50 mm thermal insulation, which ensures uniform heating of the material. The direction of rotation is automatically selected for better mixing of the material. The hot melt kettle is also equipped with a thermostat for thermoplastic material temperatures from +50 to +230°C, including an integrated display showing the actual thermoplastic temperature. A diesel burner is provided as standard.

Reference Photo



Technical Specifications

Parameter	Specification
Internal Structure of the Fuselage	The frame structure is insulated with thermal insulation material between the inner shell and the outer cover plate. Double-helix full-tank internal heating system.
Hydraulic Transmission System	Bidirectional hydraulic stirring, BM500 hydraulic motor
Hydraulic Oil Tank	0.18m ³ (900 × 500 × 400 mm)
Diesel Tank	0.18m ³ (900 × 500 × 400 mm)
Diesel Consumption	4 kg/h × 2
Heating System	Italian Riello diesel burner with intelligent temperature control system, automatic ignition and flame-out, maximum heat output 120 kW
Diesel Power Unit	38 kW diesel engine, 2400 rpm, enhanced AC generator, electric starter, 24V 80Ah battery, air-cooled aluminum radiator
Heating Method	Indirect heat transfer
Stirring Shaft	Horizontal shaft made of special wear-resistant steel
Thermoplastic Capacity	2 × 1.2 m ³ (2 × 2 tons) / (2 × 3 tons)
Empty Weight	2980 kg / 3150 kg
Dimensions	2.7 × 2.3 × 2.65 m / 2.7 × 2.36 × 3.05 m

Key Features

Feature	Description
Advanced Temperature Control System	The JW-4T&6T models feature a highly sensitive thermostat that precisely regulates thermoplastic material temperatures from +50°C to +230°C. An integrated digital display provides real-time monitoring of the material

Feature	Description
	temperature, ensuring stable heating and consistent marking quality.
Efficient Heating and Mixing	Double Helix Full-Tank Heating System: Ensures uniform heat distribution throughout the kettle, improving melting efficiency while reducing fuel consumption and material melting time. Hydraulic Mixing System: Features a bidirectional hydraulic stirring system with stepless speed control, providing efficient and uniform mixing for different thermoplastic materials. Heavy-Duty Stirring Shaft: Manufactured from special wear-resistant steel for long service life, reliable performance, and consistent material mixing.
Durable and Safe Construction	Heavy-Duty Insulated Structure: The kettle adopts a double-layer insulated body with high-quality thermal insulation materials, minimizing heat loss and improving energy efficiency. Intelligent Diesel Heating System: Equipped with an Italian Riello diesel burner featuring automatic ignition, automatic flame-out, and intelligent temperature control for safe and efficient operation. Reliable Safety Protection: The JW-4T&6T includes multiple safety features such as emergency stop controls, protective covers, and stable hydraulic transmission to ensure safe operation under demanding working conditions.

Application Scenarios

Industry	Application Details
Highway and Expressway Construction	Its large melting capacity and continuous heating system make it ideal for long-distance highway and expressway marking, ensuring uninterrupted material supply and high construction efficiency.
Urban Road and Municipal Projects	The precise temperature control system maintains consistent material quality, making it suitable for city streets, intersections, pedestrian crossings, parking areas, and other municipal road marking applications.

Industry	Application Details
Airport, Port and Industrial Facilities	The reliable hydraulic mixing system and uniform heating performance ensure stable thermoplastic quality for airports, ports, logistics centers, factories, and other heavy-duty pavement marking projects.
Large-Scale Road Marking Contractors	Available in both 4-ton and 6-ton capacities, the kettle is well suited for contractors handling high-volume road marking operations that require continuous production, reduced fuel consumption, and dependable performance.
Support for Multiple Thermoplastic Marking Machines	The kettle can continuously supply molten thermoplastic material to various hand-push and self-propelled thermoplastic road marking machines, improving overall construction efficiency and minimizing downtime on large projects.

Conclusion

In summary, the JW-4T&6T Energy Efficient Temperature Control Hot Melt Kettle is a powerful and reliable solution for thermoplastic road marking applications. With its intelligent temperature control system, efficient double-helix heating design, hydraulic mixing system, and durable insulated construction, it delivers outstanding melting efficiency, stable material quality, and reliable long-term performance. Choose the JW-4T&6T to improve the efficiency, consistency, and productivity of your road marking projects.

Data Sheet

JW-500 Hydraulic Double Cylinder Hot Melt Kettle (Parking Lot)

Product Overview

500 hydraulic double cylinder hot melt kettle is a hydraulic double cylinder hot melt marking construction equipment designed for parking lots, residential areas and other small roads. The equipment has the characteristics of high combustion efficiency, long continuous working time, simple operation and convenient maintenance.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	7.5ps electric start evaporative water-cooled diesel engine
Hydraulic Drive Mode	The stirring shaft is driven by gear pump, multi-way hydraulic valve, relief valve and hydraulic motor
Heating System	The gas is supplied to the efficient direct spray stove through the valve of the oil liquefied gas tank. This stove makes the combustion of liquefied gas more sufficient and economical. The heating temperature can be freely adjusted in the range of

Parameter	Specification
	0-300°
Safety Device	The multi-way control valve has a special unloading device to prevent misoperation
Melting Cylinder	It has significant fruit transmission and can accommodate 400kg, about 16 packs of thermal coating
Shape and Structure	High strength, high temperature resistant, anti gasification stainless steel plate structure design
Size	1.71.431.5m
Weight	700kg

Key Features

Feature	Description
Hydraulic Drive System	The JW-500 employs a hydraulic drive system that includes a gear pump, multi-way hydraulic valve, relief valve, and hydraulic motor. This sophisticated setup ensures smooth and consistent mixing of the hot melt material, providing uniform quality for road marking applications.
Heating System	The heating system is powered by an LPG tank, which supplies fuel to the high-efficiency direct injection furnace. This design promotes complete combustion, maximizing heat output while minimizing fuel consumption. The heating temperature can be freely adjusted between 0°C and 300°C, offering flexibility for various materials and processes.
Safety Features	The JW-500 includes a specially designed automatic overload protection device that prevents damage to hydraulic components during overloading. This safety feature ensures the longevity of the equipment and protects operators from potential hazards.
Capacity and Structure	With a capacity of 400kg (approximately 16 packages of hot melt coating), the JW-500 is equipped to handle substantial volumes of material. Its stainless steel body and boiler iron bottom provide high

Feature	Description
	strength, heat resistance, and anti-oxidation properties. The double-layer heat insulating material between the inner container and outer layer further enhances energy efficiency.

Application Scenarios

Industry	Application Details
Parking Lots	Ideal for thermoplastic marking of indoor and outdoor parking lots, including parking spaces, directional arrows, pedestrian walkways, and traffic guidance markings.
Residential Communities	Suitable for internal roads, pedestrian crossings, speed bump markings, and traffic management markings in residential areas.
Commercial Areas	Widely used in shopping malls, supermarkets, office parks, hotels, hospitals, schools, and other commercial facilities for pavement marking construction.
Small Road Maintenance Projects	An excellent choice for contractors and maintenance teams carrying out thermoplastic road marking on community roads, factory roads, and other small-scale pavement projects.

Conclusion

In summary, the JW-500 Hydraulic Double Cylinder Hot Melt Kettle is a powerful and reliable tool for various road marking applications. Its high combustion efficiency, long continuous operation capabilities, and user-friendly design make it an ideal choice for parking lots, residential areas, and other small-scale road surfaces. Choose the JW-500 to enhance your road marking projects and achieve unparalleled efficiency and precision.

Data Sheet

JW-600 Mechanical Double Cylinder Hot Melt Kettle Product Overview

The mechanical double-cylinder hot melt kettle adopts mechanical transmission, medium-capacity melting cylinder, and direct-injection high-efficiency energy-saving burner. It has the characteristics of stable performance, good melting efficiency, simple operation and convenient maintenance.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	7.7ps evaporative water-cooled diesel engine
Hydraulic Drive mode	The diesel engine drives the stirring shaft through the turbine gearbox and clutch gear
Heating System	The liquefied petroleum gas tank supplies gas to the efficient direct spray stove through the valve, which makes the liquefied petroleum gas More complete and economical combustion. Heating temperature can be freely adjusted in the range of 0-300°

Parameter	Specification
Mode of Operation	The two-cylinder stirrer is evenly stirred by manually controlling the clutch teeth
Thermometer	Inductive heat and shock resistant thermometer, temperature sensing is more accurate
Melting Cylinder	It has a significant heat transfer effect and can accommodate 600kg, about 24 packs of hot melt coating
Shape and Structure	High strength, high temperature resistant, oxidation resistant stainless steel plate structure design
Size	1.481.431.669m
Weight	655kg

Key Features

Feature	Description
Mechanical Double Cylinder Design	The JW-600 Mechanical Double Cylinder Hot Melt Kettle is designed for optimal performance and reliability. Its mechanical double-cylinder design ensures stable operation and efficient mixing of hot melt materials. The double-cylinder system provides redundancy, reducing the risk of downtime and ensuring continuous operation. The vertical paddle stirrer ensures uniform mixing, resulting in consistent quality for road marking applications.
Heating System	The JW-600 is equipped with a powerful 15PS diesel engine that drives the heating system, ensuring rapid and efficient melting of hot melt materials. The heating system includes a direct-injection burner that ensures high combustion efficiency and energy savings. The kettle body is insulated with high-quality heat preservation materials to maintain temperature consistency and reduce energy consumption.
Durable and Safe Construction	Constructed with a stainless steel kettle body and a high-carbon steel pot bottom, the JW-600 is designed to withstand the rigors of daily use. The

Feature	Description
	kettle body is insulated with high-quality heat preservation materials to maintain temperature consistency and reduce energy consumption. The JW-600 also includes multiple safety features such as an overload relief valve to prevent damage due to incorrect or rough operation.
Easy Operation and Maintenance	The JW-600 features a user-friendly design that ensures easy operation and maintenance. Its mechanical controls are intuitive, allowing operators to quickly master the machine. The compact size and lightweight design make it easy to transport and set up at different job sites. The JW-600 is designed to be simple to clean and maintain, ensuring minimal downtime and maximum productivity.

Application Scenarios

Industry	Application Details
Municipal Road Construction	Ideal for city roads, residential streets, pedestrian crossings, intersections, and parking lots where medium-capacity thermoplastic material preparation is sufficient.
Road Maintenance Projects	Suitable for routine road maintenance, remarking, and repair work that requires flexible equipment with stable melting performance.
Industrial Parks and Commercial Areas	Applicable to factories, logistics parks, warehouses, and commercial parking areas where thermoplastic road markings are frequently installed or maintained.
Small and Medium Road Marking Contractors	Its compact structure, mechanical transmission system, and simple operation make the JW-600 a practical choice for contractors seeking reliable performance with lower equipment investment and maintenance costs.

Conclusion

In summary, the JW-600 Mechanical Double Cylinder Hot Melt Kettle is a reliable and efficient solution for melting and mixing hot melt marking materials. Its robust construction, user-friendly design, and efficient operation make it an ideal choice for a wide range of traffic safety

applications. Choose the JW-600 to enhance your road marking projects and achieve unparalleled efficiency and precision.

Data Sheet

JW-618 Riding-type Thermoplastic Extrusion Marking Machine

Product Overview

The JW-618 Riding-type Thermoplastic Extrusion Marking Machine, developed by JACKWIN, is an advanced thermoplastic road marking solution designed for high-efficiency and multifunctional pavement marking. Combining powerful performance with versatile application capabilities, the JW-618 is suitable for a wide range of road marking projects, from municipal roads to large-scale highway construction.

Reference Photo



Key Features

Feature	Specification
Engine & Fuel System	Powered by the reliable Kubota V1505 diesel engine, the JW-618 delivers an output of 19–37 kW, providing stable and efficient performance for demanding road marking operations. Engine: Kubota V1505 Diesel; Power Output: 19–37 kW; Fuel Type: Diesel; Fuel Tank Capacity: 100 L.
Electronic & Steering Systems	The machine is equipped with a 12 V DC electrical system for reliable electronic control. The steering system adopts a

Feature	Specification
	mechanical worm-and-roller steering mechanism, providing precise handling and excellent maneuverability, even in complex construction environments.
Drive & Braking System	The Danfoss hydrostatic transmission system combines driving and service braking functions for smooth operation. Hydrostatic drive, Hydrostatic service brake, Hydraulic multi-disc parking brake, Safe and reliable braking performance.

Main Components & Technical Specifications

Component	Specification
Tires	Front: 6.00-9 12PR (5-hole rim); Rear: 6.00-9 12PR (5-hole rim)
Air Compressor	Boge EV80 twin-cylinder compressor, belt-driven, 1060 L/min
Operating Pressure	7 bar with silent safety valve
Insulated Paint Tank	Equipped with hydraulic stirrer; Capacity: Ø940 × 770 mm; Volume: 534 L (approximately 1 ton)
Heating System	Diesel-fired thermal oil heating using an American direct-injection burner
Extruder	Available in 5 cm, 10 cm, 12 cm, and 20 cm extrusion widths
Cleaning Device	Quick-cleaning system for the extrusion head
Glass Bead System	Optional pneumatic glass bead spreader, maximum width 300 mm
Machine Weight	Approximately 1.8 tons
Dimensions	Approximately 3.9 × 1.25 × 1.85 m (excluding actuator)

Multifunctional Marking Capabilities

The JW-618 Riding-type Thermoplastic Extrusion Marking Machine supports multiple road marking methods, including: Thermoplastic extrusion marking, Thermoplastic dot marking,

Thermoplastic oscillating marking, Two-component flinging marking, Two-component scraping marking, Two-component oscillating marking, Two-component dot marking, Cold paint spraying. Its multifunctional design enables contractors to complete various road marking applications with a single machine, improving equipment utilization and reducing investment costs.

Application Scenarios

Specification
Highways
Expressways
Municipal roads
Airports
Industrial parks
Parking lots
Urban streets
Large-scale road marking projects requiring multiple marking technologies

Conclusion

The JW-618 Riding-type Thermoplastic Extrusion Marking Machine combines powerful Kubota diesel performance, Danfoss hydrostatic drive, thermoplastic extrusion technology, and multifunctional marking capabilities into one highly efficient solution. Its flexible configuration, reliable performance, and ability to perform multiple marking methods make it an excellent choice for professional road marking contractors seeking high productivity and superior marking quality.

Data Sheet

JW-618 Riding-type Thermoplastic Scratch Marking Machine

Product Overview

The JW-618 Riding-type Thermoplastic Scratch Marking Machine, meticulously engineered by JACKWIN, represents the zenith of innovation in the traffic marking equipment sector.

This state-of-the-art Thermoplastic Scratch Marking Machine, specifically the JW-618 Riding-type Marking Machine, is a paragon of standard mechanical equipment, boasting a precision-engineered worm-gear and roller steering system.

Its adaptability is truly remarkable, as it can effortlessly replace components such as the control system and the paint cylinder in accordance with diverse user requirements.

This versatility unlocks a comprehensive range of marking techniques, including: Thermoplastic extrusion coating, Thermoplastic dot coating, Thermoplastic oscillation, Two-component flinging, Scraping and oscillation, Two-component dot coating, Cold spraying.

Reference Photo



Key Features

Feature	Description
Engine and Fuel System	At the heart of the JW-618 lies the highly reliable Kubota V1505 engine. With a power output spanning from 19–37 kW and a

Feature	Description
	rotational speed of 3600 r/min, this engine guarantees unwavering stability and high-efficiency operation. Running on gasoline stored in a 0.054 m ³ fuel tank, the JW-618 Riding-type Thermoplastic Scratch Marking Machine has the endurance to power through extended working hours. The Kubota V1505 engine provides strong power support, enabling the machine to handle complex marking tasks with ease.
Electronic and Steering Systems	Equipped with an advanced electronic system, the JW-618 provides operators with precise control over all functions. The standard mechanical steering system uses a worm-gear and roller mechanism, providing smooth and accurate maneuverability. The steering system can also be customized according to different project requirements. This flexible design allows operators to achieve accurate marking operations under various construction conditions.
Driving and Braking Mechanisms	The driving and braking system of the JW-618 adopts advanced engineering design. Using hydrostatic transmission, the system provides: Smooth driving power, Stable speed control, Effective service braking function. The parking brake adopts a: Hydraulic-controlled multi-disc brake. This ensures reliable stopping performance and improves operational safety.

Key Components and Performance Parameters

Component	Specification
Model	JW-618 Riding-type Thermoplastic Scratch Marking Machine
Wheels	6.00-9 NHS ×4
Compressor	0.21 m ³ /min
Working Air Pressure	7 bar, equipped with silent safety valve

Component	Specification
Power System	12V
Heating Method	Gas Heating
Insulated Paint Cylinder	Equipped with stirrer, customized sizes available
Paint Cylinder Capacity	Inner diameter 940mm, height 770mm, volume 534L, approx. 0.53m ³ (about 1 ton)
Additional Equipment	15/20/30/40cm scraping buckets and oscillating buckets available
Discharging Method	Pneumatic opening and closing, pedal control
Glass Bead Equipment	Spray seeding, adjustable pressure
Glass Bead Tank Capacity	0.07m ³
Empty Machine Weight	Approx. 1.8T
Dimensions	Approx. 4m × 1.4m × 2.2m (adjustable, excluding pointer/hopper)

Multifunctional Marking Capability

The JW-618 Riding-type Thermoplastic Scratch Marking Machine supports multiple marking technologies: Thermoplastic scraping marking, Thermoplastic extrusion marking, Thermoplastic dot marking, Thermoplastic oscillation marking, Two-component flinging marking, Two-component dot marking, Cold paint spraying. By changing different marking units and material systems, one machine can meet different road marking requirements.

Conclusion

The JACKWIN JW-618 Riding-type Thermoplastic Scratch Marking Machine is a comprehensive and efficient solution for professional traffic marking applications. With its: Reliable Kubota engine, Flexible mechanical steering system, Hydrostatic driving system, Multifunctional marking capability, Customizable marking accessories, the JW-618 provides an ideal solution for contractors, municipalities, and road maintenance teams. It sets a new benchmark for multifunctional thermoplastic road marking equipment.

Data Sheet

JW-618 Two-component Road Marking Machine Product Overview

The JW-618 Two-component Road Marking Machine (with a 98:2 mixing ratio) is a professional equipment designed for the application of two-component road marking paints. It features multiple application functions, including scraping, dot marking, and vibratory marking.

Reference Photo



Basic Parameters

Parameter	Specification
Model	JW-618 Two-component Road Marking Machine
Application Method	Scraping / Dot Application / Vibratory Marking

Mixing Ratio	98:2 automatic mixing
Engine	Kubota turbocharged diesel engine V3800-DI-T-E2B-EU-Z4-NL (For use in countries without emission regulations only)
Engine Power	74 kW (99.5 HP) at 2600 rpm
Fuel Type	Diesel fuel
Fuel Tank Capacity	Approx. 75 L
Steering System	Hydraulic steering with automotive steering system (standard)
Drive & Braking System	Hydraulic drive system with service brake; hydraulic multi-disc parking brake (Poclain motor)
Front Wheels	185 R14, 5-hole rims
Rear Wheels	225 R15, 6-hole rims
Compressor	Borg compressor, mechanically driven by multi-ribbed belt
Air Flow Rate	1,465 L/min
Operating Pressure	7 bar (with silent safety valve)
Electrical System	12V
Material Flow Rate	15.1 L/min × 2 (Imported from Germany)
Non-Pressurized Reservoir	Approx. 200 L (other sizes available upon request)
Marking Unit	Diskless design, equipped with airless spray gun (standard)
Curing Agent Pump Unit	Optional 98:2 mixing ratio system or Varimix adjustable hardener dosage system
Hardener Pump Flow Rate	Approx. 20 L/min
Paint Tank Capacity	Approx. 650 L mixer + 400 L mixer
Rear Diffuser	Optional bead dispensing gun or bead diffuser (up to 30 cm range)
Dimensions	Approx. 4.22 m × 1.6 m × 2.45 m

Empty Weight	Approx. 3,200 kg
Gross Weight	Approx. 4,800 kg (depending on configuration)
Additional Equipment	Available according to customer requirements

Product Features

Feature	Specification
Precise Two-component Mixing Ratio	The main agent and curing agent are automatically mixed at a 98:2 ratio. Ensures complete chemical reaction of the coating. Provides fast curing, strong adhesion, and excellent durability.
Multi-functional Application	By changing different nozzles or scrapers, the machine can perform: Scraping Application - Produces smooth and continuous road marking lines. Dot Marking Application - Suitable for zebra crossings, traffic guidance markings, and decorative patterns. Vibratory Marking Application - Creates raised anti-slip warning markings with enhanced safety performance.
Efficient and Durable Performance	Suitable for municipal roads, highways, parking lots, airports, and other road marking projects. Produces wear-resistant, highly reflective, and long-lasting markings.
Summary	In short: One machine with multiple functions, precise 98:2 mixing control, and compatibility with various two-component road marking applications.

Application Functions

Feature	Specification
1. Scraping Marking	Suitable for conventional continuous two-component road lines. Provides smooth surface and uniform thickness.

Feature	Specification
2. Dot Marking	Suitable for: Zebra crossings, Traffic guidance markings, Special decorative markings.
3. Vibratory Marking	Creates raised anti-slip structures. Improves: Vehicle vibration warning effect, Road safety, Night-time visibility.

Optional Configurations

98:2 automatic mixing system
Varimix variable curing agent dosage system
Airless spray gun
Glass bead dispensing gun
Glass bead diffuser (up to 300 mm width)

Application Scenarios

The JW-618 Two-component Road Marking Machine is designed for professional road marking contractors requiring high-performance two-component coating applications. It is suitable for: Highways, Airport runways and taxiways, Municipal roads, Parking lots, Industrial areas, Pedestrian crossings, Anti-slip warning markings, Special functional road markings. Its combination of precise two-component mixing, multi-function application modes, high-pressure spraying capability, and durable construction makes it suitable for both standard and advanced two-component road marking projects.

Data Sheet

JW-628 Ride-On Thermoplastic Extrusion Line Striping Machine

Product Overview

The JW-628 Ride-On Thermoplastic Extrusion Line Striping Machine is a compact, intelligent, and highly efficient road marking solution designed for professional contractors. Engineered with a focus on durability and precision, this machine delivers exceptional performance on various road surfaces, including highly rough textures such as slurry seal surfaces. Built on a robust chassis with a Kubota diesel engine, it offers an excellent balance of power, efficiency, and maneuverability.

Reference Photo



Core Specifications

Feature	Specification
Overall Dimensions	5.0 (L) × 1.7 (W) × 2.68 (H) m
Operating Weight	Approx. 3,000 kg
Fuel Tank Capacity	70 L
Hydraulic Oil Tank	70 L

Feature	Specification
Hopper Capacity	120 L / 185 kg (Maximum pressure: 3 bar)

Power & Drivetrain

Feature	Specification
Engine	Kubota Turbocharged Diesel Engine
Engine Type	4-stroke, 2400 cc
Cooling System	Water-cooled
Rated Power	47 kW
Transmission	Danfoss Hydraulic Transmission System
Speed Control	Hydraulic stepless forward/reverse transmission
Operating Speed	0–16 km/h
Braking System	Hydraulic multi-disc parking brake; Static hydraulic service brake integrated with the drive system
Steering System	Hydraulic double-torque steering
Minimum Turning Radius	2.8 m

Marking Performance & Technology

Feature	Specification
Marking Method	Thermoplastic extrusion
Marking Thickness	1.5–5.0 mm
Supported Line	Fishbone lines, Rib lines, Checkerboard markings, Step lines, Other complex

Feature	Specification
Types	drainage markings
Spray Gun System	Equipped with a C6 spray gun and waterline system for simultaneous marking and waterline application
Glass Bead System	Pressurized glass bead tank supports dual-bead dispensing with different bead sizes

Intelligent Control System

Feature	Specification
Display	8-inch full-touch control panel
Control System	Computer-assisted precision control for uniform and stable marking quality
Memory Capacity	Stores up to 99 marking pattern types; Supports up to 30 marking programs
Data Management	Daily construction reports can be uploaded for online remote monitoring
Cruise Function	Constant-speed cruise control for consistent marking quality

Heating & Melting System

Feature	Specification
Hot-Melt Tank Capacity	1-ton (non-pressure type)
Heating Method	Indirect thermal-oil heating with diesel burner
Temperature Control	Computer-controlled automatic adjustment of thermal oil and material temperature
Mixing System	Vertical hydraulic mixer with centrally positioned heating pipes for uniform melting and mixing

Application Scenarios

The JW-628 Ride-On Thermoplastic Extrusion Line Striping Machine is designed for high-volume road marking projects on highways, expressways, airports, municipal roads, industrial parks, and large-scale infrastructure projects. It is particularly suitable for constructing thick thermoplastic extrusion markings and complex drainage line patterns on rough pavement surfaces such as slurry seal roads, delivering high productivity, excellent marking consistency, and superior maneuverability.

Data Sheet

JW-660 Multi-Functional Passenger Hot Melt Spray Marking Machine

Product Overview

The JW-660 Multi-Functional Passenger Hot Melt Spray Marking Machine is a high-efficiency thermoplastic spray road marking vehicle designed for professional road marking projects.

Combining pneumatic spraying technology, intelligent control systems, and a built-in hot melt kettle, the JW-660 provides excellent construction efficiency, precise marking quality, and strong adaptability for various road conditions.

Reference Photo



Basic Parameters

Parameter	Specification
Model	JW-660 Multi-Functional Passenger Hot Melt Spray Marking Machine
Engine	Kubota), 72 kW
Steering System	Hydraulic steering through steering gear and oil cylinder
Air Compressor	Rotorcomp (Germany), 5 m ³ /min, 15 MPa
Driving & Braking System	Danfoss hydrostatic transmission; hydrostatic service brake; hydraulic multi-disc parking brake
Marking Speed	3–8 km/h
Marking Thickness	1.5–3.0 mm
Control System	Full touchscreen computer control panel
Cruise Mode	Constant-speed cruise construction mode
Glass Bead System	Pressure-type glass bead tank supporting double bead spreading
Marking Types	Hot spray and various drainage structure markings
Built-in Hot Melt Kettle	1.5-ton capacity, thermal oil circulation heating, precise temperature control
Construction Technology	Pneumatic spraying construction
Paint Tank Capacity	1.5 tons
Gear Pump	45 cc
Burner Speed	3450 rpm
Thermal Oil Pump	Model 25-25-160

Parameter	Specification
Tires	Front: 195R14C; Rear: 225/75R15
Dimensions	6.7 × 2.4 × 2.5 m
Total Weight	Approximately 4.25 tons

Marking Performance & Technology

Feature	Description
High Efficiency	Pneumatic spraying construction method; Marking speed: 3–8 km/h; Construction conversion completed within half an hour; Short construction period and high working efficiency.
Safety	Large-scale vehicle design; Reduces operator fatigue; Improves construction safety during road marking operations.
Durable and Easy Maintenance	Long maintenance-free service cycle; High-quality components; Simple maintenance procedures; Reduced downtime and operating costs.
Intelligent and Precise Control	Full touchscreen computer control system; Constant-speed cruise construction mode; Line type changes without stopping; Ensures uniform and stable marking quality.
Flexible Customization	Supports various optional configurations: Sunshade canopy, Cruise control system, Quick side-change device, Pressurized double glass bead spreading system, Automatic waterline system, Other customized accessories.
Strong Power System	Kubota V3800-T diesel engine; Power output: 67.6 kW; German Rotorcomp air compressor; 15 MPa high-pressure air supply.
Construction Advantages	Marking thickness: 1.5–3.0 mm; Suitable for rough road surfaces such as slurry seal roads; Built-in 1.5-ton hot melt kettle; Supports double glass bead spreading; Supports various functional marking patterns.

Construction Technology Advantages

The JW-660 adopts pneumatic spraying technology, providing: High construction efficiency, Reduced paint consumption, Strong adaptability to different road surfaces, Uniform and fine coating quality, Improved working environment.

Application Scenarios

Highways
Expressways
Municipal roads
Airport roads
Industrial parks
Large-scale road marking projects
Rough pavement surfaces such as slurry seal roads

Conclusion

The JW-660 Multi-Functional Passenger Hot Melt Spray Marking Machine integrates a powerful Kubota engine, high-pressure pneumatic spraying system, intelligent touchscreen control, and a built-in 1.5-ton hot melt kettle. With high efficiency, precise marking control, flexible customization options, and strong adaptability, it provides a professional solution for large-scale thermoplastic spray road marking projects.

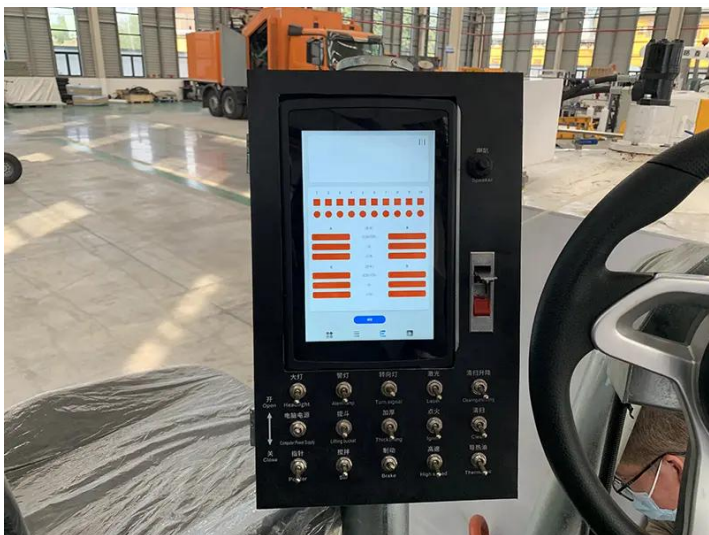
Data Sheet

JW-660 Multi-functional Riding-type Thermoplastic Extrusion Marking Vehicle

Product Overview

Engineered by JACKWIN, the JW-660 Multi-functional Riding-type Thermoplastic Extrusion Marking Vehicle represents a new generation of high-performance thermoplastic extrusion road marking equipment. Combining advanced technology with a practical, operator-friendly design, the JW-660 is engineered to meet the diverse requirements of modern road marking projects with outstanding efficiency, precision, and reliability.

Reference Photo



Power & Drivetrain

Parameter	Specification
Engine	Kubota (Japan), 72 kW
Steering System	Hydraulic steering via oil cylinder
Drive & Braking System	Danfoss hydrostatic transmission; hydrostatic service brake; hydraulic multi-disc parking brake
Marking Speed	3–8 km/h
Marking Thickness	1.5–3.0 mm
Control System	Full-touch computer control panel with on-the-go line pattern switching
Cruise Mode	Constant-speed cruise control
Glass Bead Tank	Pressure-type tank supporting dual glass bead application
Spray Gun System	C6 spray gun with waterline system
Air Compressor	Rotorcomp (Germany), 3 m ³ /min, 10 MPa
Supported Line Types	Fishbone, rib, checkerboard, ladder, and other drainage markings
Built-in Melting Kettle	1.5-ton thermoplastic melting kettle with thermal oil circulation heating
Construction Method	Thermoplastic extrusion
Optional Accessories	Sunshade canopy, quick side-change device, automatic waterline system, pressure-type dual glass bead system, cruise control, etc.
Paint Tank Capacity	1 ton
Dimensions	6.7 × 2.4 × 2.5 m

Parameter	Specification
Total Weight	Approximately 6.7 tons
Glass Bead Jar capacity	300L, Pressure-controlled glass bead container enables the dispensing of double beads of different sizes.
Construction process	Extrusion construction technology reduces mechanical wear and extends equipment life.
Computer control	Computer-controlled construction allows for precise changes in alignment without stopping the work.

Main Features

Feature	Description
High-speed Construction	The JW-660 is designed for high-productivity road marking operations, with a marking speed of 3–8 km/h. Its high working efficiency enables faster project completion while reducing road closure time and minimizing traffic disruption, making it ideal for busy urban roads, highways, and large infrastructure projects.
Low Maintenance	Built with premium-quality components, the JW-660 offers a long maintenance-free service interval. Advantages include: Minimal routine maintenance, Easy servicing, Reduced downtime, Lower operating costs, Higher equipment availability. These features help contractors maximize productivity and reduce long-term ownership costs.
User-friendly Design	The JW-660 is equipped with an intuitive control system that simplifies operation. Features include: Full-touch computer control panel, Precise electronic control, Cruise control function, Easy operation for both experienced and new operators. The intelligent control system improves marking consistency while reducing operator workload.
Customizable Configuration	To meet different project requirements, the JW-660 supports a wide range of optional equipment, including: Sunshade canopy, Quick side-change device, Pressure-type dual glass bead spreading system, Automatic waterline system, Other customized accessories upon request.

Feature	Description
Thermoplastic Extrusion Construction Process	The extrusion marking process provides several important advantages: Accurate material control, Reduced paint waste, Lower mechanical wear, Longer equipment service life, Suitable for rough pavement surfaces such as slurry seal roads. This process delivers durable, high-quality thermoplastic markings for various road conditions.

Multiple Line Types (More than 80 Types)

The JW-660 supports more than 80 different marking patterns, including: Solid lines, Broken lines, Fishbone lines, Rib lines, Checkerboard markings, Ladder markings, Dot-and-line combinations, Various drainage marking patterns. Its wide selection of line types makes it suitable for standard road markings as well as specialized functional markings for improved drainage, safety, and traffic guidance.

Application Scenarios

The JW-660 Multi-functional Riding-type Thermoplastic Extrusion Marking Vehicle is ideal for highways, expressways, airports, municipal roads, industrial parks, and large-scale infrastructure projects. With its built-in 1.5-ton melting kettle, high-speed extrusion marking technology, intelligent computer control, and support for over 80 marking patterns, it is particularly suitable for high-volume thermoplastic road marking projects requiring excellent efficiency, long continuous operation, and premium marking quality

Conclusion

The JW-660 Multi-functional Riding-type Thermoplastic Extrusion Marking Vehicle combines powerful performance, intelligent operation, thermoplastic extrusion technology, and flexible customization into one professional road marking solution. Its high construction efficiency, low maintenance requirements, precise control system, and wide range of marking capabilities make it an excellent choice for contractors seeking reliable, high-capacity equipment for demanding road marking applications.

Data Sheet

JW-6L Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine

Product Overview

The hand-push cold spray marking machine is a high-pressure equal-flow type airless spray machine. The machine uses a gasoline engine to drive the hydraulic system to drive a single plunger pump, so that the paint forms a high pressure in the machine for spraying. The thickness of the marked line is uniform and the edges are neat. The spray gun frame guide rod lifting design makes it accurate and convenient to adjust the spray width. It has the characteristics of low labor intensity and quick and convenient construction.

Reference Photo



Technical Specifications

Parameter	Specification
Power	5.5HP Honda gasoline engine
Maximum Flow Rate	6L/min
Working Pressure	10-18MPa
Spray Width	100-300mm (single-gun, with imported Graco nozzle)

Parameter	Specification
Spraying Thickness	0.2-0.4mm
Dimensions	1.13×0.86×0.88m
Weight	145kg

Key Features

Feature	Description
1. Advanced High-Pressure Airless Spray Technology	The JW-6L Hand-Push Road Marking Machine utilizes high-pressure airless spraying, eliminating the need for compressors while ensuring smooth, bubble-free lines. Unlike traditional methods, this technology prevents paint splatter and uneven coatings, making it ideal for high-precision road markings in traffic safety applications. The consistent pressure control guarantees long-lasting durability, even under heavy vehicular traffic.
2. Cold-Spray Efficiency – No Heating, No Hassle	Unlike thermoplastic applicators that require melting, the cold-spray system applies paint instantly without preheating, reducing energy costs and operational risks. This feature is especially beneficial in hot climates or indoor facilities where fumes and overheating are concerns. The JW-6L ensures fast, safe, and eco-friendly marking without compromising quality.
3. 6L High-Flow System for Faster, Large-Scale Road Marking	The high flow rate of 6L can spray more paint per unit of time, which makes the speed of marking faster. It is especially suitable for road marking construction of large area and long distance, which can effectively shorten the construction time and reduce the impact on traffic. For example, in large-scale projects such as highways, it can quickly complete the drawing of lane lines, edge lines, etc. and improve the overall construction progress.
4. Adjustable Nozzle for Versatile Marking Needs	The JW-6L features an adjustable spray nozzle, allowing users to modify line widths between 50mm to 150mm to suit different applications: 50-100mm for lane dividers, bike paths, and pedestrian crossings. 100-150mm for stop bars, zebra crossings, and industrial floor markings. This

Feature	Description
	flexibility makes it a must-have tool for traffic safety professionals.
5. Ergonomic Hand-Push Design for Effortless Operation	Engineered for user comfort, the JW-6L features: Anti-vibration handles for reduced operator fatigue. Sturdy wheels for smooth movement on rough surfaces. Lightweight yet durable frame for easy transport. These design elements ensure precise, straight lines even on uneven terrain.
6. Heavy-Duty & Corrosion-Resistant Build	Constructed from high-grade aluminum and stainless steel, the JW-6L withstands harsh weather conditions, chemical exposure, and heavy-duty use. Its rust-proof components ensure longevity, making it a cost-effective investment for road marking businesses.
7. Wide Paint Compatibility for Various Applications	This machine supports: Water-based paints (eco-friendly, fast-drying). Solvent-based paints (high durability for heavy traffic). Thermoplastic paints (for permanent markings). This versatility allows contractors to handle diverse projects with a single machine.

Application Scenarios

Industry	Application Details
Urban Road Marking	Suitable for lane lines, pedestrian crossings, bicycle paths, and traffic guidance markings.
Parking Lots and Commercial Areas	Ideal for parking spaces, stop lines, industrial floor markings, and internal traffic management.
Highway Maintenance Projects	Suitable for road repainting and maintenance work requiring stable and uniform spray quality.
Industrial Facilities	Applicable for factory roads, warehouses, logistics areas, and safety marking applications.
Municipal and Road	A practical choice for contractors requiring efficient and easy-to-operate cold spray marking equipment

Industry	Application Details
Construction Projects	

Conclusion

The JW-6L Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine is engineered for efficiency, precision, and durability. Whether you're a road construction company, municipal contractor, or industrial facility manager, this machine delivers professional-grade results with minimal maintenance.

Data Sheet

JW-7025 Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine

Product Overview

The JW-7025 Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine is a revolutionary addition to the road marking equipment landscape, redefining adaptability and operator-friendliness. Its state-of-the-art hand-push design provides operators with unrivaled control over the machine's movement, ensuring pinpoint-accurate navigation of both direction and speed. This unique feature allows the JW-7025 to expertly traverse the tightest of spaces and the most complex of road configurations. As a result, it has become the indisputable choice for road marking projects in narrow laneways, residential streets, parking lots, and other similar areas where precision and manoeuvrability are absolute necessities.

Reference Photo



Technical Specifications

Parameter	Specification
Maximum Flow	7 L/min
Hydraulic Pump	Domestic

Parameter	Specification
Print Width	Maximum size of a single gun is 150-300mm, and that of a double gun is 50-600mm
Honda Engine	5.5HP
Size and Weight	1.7 × 0.9 × 1m, weight 100kg

Key Features

Feature	Description
Advanced Airless Spray Technology	The JW-7025 is equipped with state-of-the-art high-pressure airless spray technology, ensuring a smooth and even application of road marking materials. This innovative system minimizes overspray and provides a consistent spray pattern, resulting in sharp, clear lines that are crucial for effective road marking. The machine is compatible with a wide range of road marking paints, including both water-based and solvent-based options, making it versatile for various applications.
Ergonomic Hand-Push Design	Designed with user comfort and ease of use in mind, the JW-7025 features an ergonomic hand-push design that allows for effortless maneuverability across different surfaces. The lightweight construction and adjustable handle ensure that operators can work comfortably for extended periods without experiencing fatigue. The intuitive control panel allows for quick adjustments to spray width and pressure, enabling users to customize the machine for specific project requirements.
High Efficiency and Productivity	One of the standout features of the JW-7025 is its ability to significantly enhance productivity. With a large-capacity paint tank and a powerful spray nozzle, this machine can cover extensive areas quickly, making it an economical choice for contractors and municipalities. The efficient design not only accelerates project timelines but also reduces labor costs, allowing for a more streamlined approach to road marking.
Durable and Reliable Construction	Constructed from high-quality materials, the JW-7025 is built to withstand the rigors of daily use in various environments. Its robust design ensures longevity and reliability, making it suitable for both urban

Feature	Description
	and rural road marking applications. Additionally, the machine is designed for easy maintenance, with accessible components that simplify routine checks and repairs, ensuring minimal downtime.

Application Scenarios

Industry	Application Details
Residential Streets and Narrow Roads	Ideal for narrow lanes, community roads, and areas with limited working space where precise operation is required.
Parking Lots and Commercial Areas	Suitable for parking space marking, traffic guidance lines, and other small-to-medium scale marking projects.
Urban Road Maintenance	Perfect for city road repairs, repainting works, and areas requiring frequent changes in traffic markings.
Industrial Areas and Facilities	Suitable for factory roads, warehouses, logistics areas, and internal traffic management markings.
Small and Medium Road Construction Projects	A practical choice for contractors requiring flexible operation and efficient cold spray marking performance.

Conclusion

The JW-7025 Hand-Push High-Pressure Airless Cold Spray Road Marking Machine is the ultimate solution for flexibility and efficiency in the road marking industry. With its advanced airless spray technology, ergonomic design, and high productivity, it is the ideal choice for all your road marking needs. Invest in the JW-7025 today and experience the transformative impact it can have on your road marking projects, ensuring safety and compliance in every application.

Data Sheet

JW-800 Hydraulic Double Cylinder Hot Melt Kettle Product Overview

JW-800 hydraulic double cylinder hot melt is one of the main equipment for hot melt marking construction. The equipment adopts multi-channel integrated hydraulic transmission stepless speed change and powerful torque to ensure high performance and heavy load operation, forward and reverse stirring; it adopts stainless steel direct injection furnace and high efficiency energy-saving burner to ensure high combustion efficiency, time saving and energy saving, with high melting efficiency, long continuous working time, simple operation and convenient maintenance.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	16.5HP Electrically started evaporative water-cooled diesel engine
Internal Structure of the Fuselage	The double layer of the pot wall is used to control the fire channel

Parameter	Specification
B special for use	Special stainless steel type pot bottom and pot wall, containing special stainless steel pot wall to control the fire channel
Structure	The frame structure is equipped with double insulation material between the inner and outer walls of the pot
Safety Device	The specially designed overload relief device can prevent misoperation
Hydraulic Transmission System	Multi-channel integrated hydraulic control valve, forward and reverse stirring, stepless speed change
Hydraulic Oil Tank	50L
Heating System	Direct injection type stove (liquefied gas)
Cooking Capacity	360kg*2
Size	1.881.431.48m
Weight	940kg

Key Features

Feature	Description
Advanced Hydraulic Double Cylinder System	The JW-800 features an advanced hydraulic double cylinder system that ensures optimal heating and melting of thermoplastic materials. This innovative design allows for quick and efficient heating, reducing downtime and increasing productivity on the job site. The double-cylinder configuration ensures even heat distribution, allowing for consistent melting of materials, which is crucial for achieving high-quality road markings.
High Capacity and Efficiency	With a generous capacity, the JW-800 is designed to handle large volumes of thermoplastic materials, making it ideal for extensive road marking projects. The efficient heating system allows operators to work continuously without the need for frequent refills, significantly enhancing

Feature	Description
	productivity. This high-capacity kettle is perfect for contractors who require reliable equipment to complete large-scale projects on time.
User-Friendly Design	The JW-800 is designed with the operator in mind, featuring an intuitive control panel that allows for easy operation. The machine is equipped with safety features, including temperature control and pressure relief valves, ensuring safe and efficient operation. The ergonomic design and mobility features, such as sturdy wheels and a towable frame, make it easy to transport the kettle to various job sites.
Durable and Reliable Construction	Constructed from high-quality materials, the JW-800 is built to withstand the rigors of daily use in various environments. Its robust design ensures longevity and reliability, making it suitable for both urban and rural road marking applications. Additionally, the kettle is designed for easy maintenance, with accessible components that simplify routine checks and repairs, ensuring minimal downtime.

Application Scenarios

Industry	Application Details
Highway and Expressway Projects	Suitable for highway and expressway marking projects that require continuous thermoplastic material melting and reliable construction efficiency.
Municipal Road Construction	Ideal for city roads, intersections, pedestrian crossings, parking lots, and other municipal road marking and maintenance projects.
Industrial and Commercial Areas	Suitable for factories, logistics parks, industrial zones, ports, and large parking facilities where durable thermoplastic markings are required.
Professional Road Marking Contractors	The hydraulic double cylinder system, efficient heating performance, and compact structure make the JW-800 a reliable choice for contractors undertaking medium-sized thermoplastic road marking projects.

Conclusion

The JW-800 Hydraulic Double Cylinder Hot Melt Kettle is the ultimate solution for efficient road marking in the traffic safety industry. With its advanced hydraulic system, high capacity, user-friendly design, and durable construction, it is the ideal choice for all your road marking needs. Invest in the JW-800 today and experience the transformative impact it can have on your road marking projects, ensuring safety, efficiency, and compliance in every application.

Data Sheet

JW-800 Oil and Gas Dual-use Hydraulic Double Cylinder Hot Melt Kettle

Product Overview

The 800 oil-gas dual-purpose hydraulic double-cylinder hot melt kettle is an improvement on the gas-type hot melt kettle, suitable for areas where the temperature is too low and it is inconvenient to add gas. The equipment uses advanced oil-gas dual-purpose stoves (liquefied gas and diesel can be used as fuel), which fully ensures the convenience and economy of using fuel in special areas. Especially in areas with strong winds, the fuel-fired type is not easily affected by wind. It improves combustion efficiency, increases melting speed, and reduces construction costs. It is the first choice for hot melt construction in areas with large temperature differences.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	16HP electrically started evaporative water-cooled diesel engine
Internal Structure of the Fuselage	The double layer of the pot wall is used to control the fire channel

Parameter	Specification
B special for use	Special stainless steel type pot bottom and pot wall, containing special stainless steel pot wall to control the fire channel
External Structure of the Fuselage	The stainless steel shell, vertical paddle type stirring energy device itself has an energy discharge device to prevent energy loss
Hydraulic Transmission System	Multi-channel integrated hydraulic control valve, forward and reverse stirring, stepless speed change
Hydraulic Oil Tank	50L
Diesel Tank	100L
Heating System	Special oil and gas dual-use stoves
Cooking Capacity	360kg*2
Size	1.881.431.48m
Weight	940kg

Key Features

Feature	Description
Hydraulic Double Cylinder Design	The JW-800 Hydraulic Double Cylinder Hot Melt Kettle is engineered for optimal performance and reliability. Its hydraulic double-cylinder design ensures stable operation and efficient mixing of hot melt materials. The double-cylinder system provides redundancy, reducing the risk of downtime and ensuring continuous operation.
Heating System	The JW-800 is equipped with a powerful 16.5PS diesel engine that drives the heating system, ensuring rapid and efficient melting of hot melt materials. The heating system includes a direct-injection burner that ensures high combustion efficiency and energy savings. The kettle body is insulated with high-quality heat preservation materials to maintain temperature consistency and reduce energy consumption.

Feature	Description
Durable and Safe Construction	Constructed with a stainless steel kettle body and a high-carbon steel pot bottom, the JW-800 is designed to withstand the rigors of daily use. The kettle body is insulated with high-quality heat preservation materials to maintain temperature consistency and reduce energy consumption. The JW-800 also includes multiple safety features such as an overload relief valve to prevent damage due to incorrect or rough operation.
Easy Operation and Maintenance	The JW-800 features a user-friendly design that ensures easy operation and maintenance. Its mechanical controls are intuitive, allowing operators to quickly master the machine. The compact size and lightweight design make it easy to transport and set up at different job sites.

Application Scenarios

Industry	Application Details
Cold Climate Construction	Ideal for road marking projects in low-temperature areas where LPG supply may be limited. Operators can choose diesel or LPG according to local fuel availability.
Windy Construction Environments	The dual-fuel system provides stable combustion in windy conditions, making it suitable for highways, coastal roads, and open construction sites.
Municipal and Road Maintenance Projects	Suitable for city roads, intersections, pedestrian crossings, parking lots, and routine road maintenance projects requiring continuous thermoplastic material melting.
Professional Road Marking Contractors	An ideal choice for contractors who require flexible fuel options, stable hydraulic stirring, and efficient thermoplastic material preparation for daily road marking operations.

Conclusion

In summary, the JW-800 Oil and Gas Dual-use Hydraulic Double Cylinder Hot Melt Kettle is a reliable and efficient solution for melting and mixing hot melt marking materials. Its robust

construction, user-friendly design, and efficient operation make it an ideal choice for a wide range of traffic safety applications. Choose the JW-800 to enhance your road marking projects and achieve unparalleled efficiency and precision.

Data Sheet

JW-860 Hand Push Thermoplastic Marking Machine Product Overview

Thermoplastic road marking machine is the key equipment for hot melt road marking construction. It is used together with a hot melt kettle to complete road marking construction. The JW-860 adopts a specially manufactured high-precision one-piece cast iron marking bucket to ensure that all marking buckets have even edges, uniform thickness, and smooth, beautiful lines. The equipment is lightweight, portable, easy to operate, easy to maintain, and features many practical advantages for road marking applications.

Reference Photo



Technical Specifications

Parameter	Specification
Paint Bucket	Double stainless steel insulated heating tank, capacity 100kg, plug-in stirring device, can be quickly disassembled and replaced
Glass Microbead Storage Box	10kg/bag
Glass Bead Spreader	Synchronous clutch automatic sowing (adjustable)

Parameter	Specification
The Line-drawing Bucket	High precision integrated line drawing bucket with scraper structure, standard configuration 150mm
The Ground Strike	Inlaid hard alloy material (pure alloy floor knife optional)
Plastic Core-Rubber Tires	Cast iron hub with heat-resistant rubber tires, rear wheel equipped with locator to ensure straight-line movement
Heating Method	Liquefied petroleum gas
Width of Markings	50/100/150/200/250/300/400/450mm line buckets optional
Size	1.22×0.85×1.04m
Weight	105kg (excluding bucket and box)

Key Features

Feature	Description
Advanced Design and Features	The JW-860 Hand Push Thermoplastic Marking Machine features a double-layer stainless steel insulated heating bucket with a capacity of 100kg, equipped with a plug-in mixing device that can be quickly disassembled and replaced. This design ensures efficient heating and uniform mixing of thermoplastic materials.
	The machine is equipped with a high-precision integrated marking bucket, available in multiple widths (50/100/150/200/250/300/400/450mm), allowing operators to select different marking widths according to specific project requirements.
User-Friendly and Efficient Operation	The JW-860 is designed for simple and efficient operation with a hand-push structure that provides smooth and precise marking performance. The adjustable synchronous clutch automatic glass bead spreader ensures uniform bead distribution, improving marking visibility and durability. The cast iron wheels with heat-resistant rubber tires provide excellent

Feature	Description
	stability and maneuverability. The rear wheel positioning system helps maintain straight-line accuracy and allows smooth operation on curves.

Application Scenarios

Industry	Application Details
Overview	The JW-860 Hand Push Thermoplastic Marking Machine is designed for professional thermoplastic road marking applications and is widely used for various small and medium-sized road construction and maintenance projects. Its lightweight structure, precise marking performance, and easy operation make it suitable for contractors and maintenance teams requiring flexible marking solutions.
Municipal Roads and Urban Streets	Ideal for lane lines, edge lines, center lines, pedestrian crossings, directional arrows, and other traffic guidance markings.
Parking Lots and Commercial Areas	Suitable for parking space lines, traffic flow markings, reserved areas, and safety zones in shopping centers, office buildings, and public parking facilities.
Residential Communities	Used for internal roads, parking spaces, pedestrian areas, and traffic organization markings in residential areas.
Industrial Parks and Factory Areas	Suitable for factory roads, warehouse lanes, loading zones, restricted areas, and safety markings.
Schools and Public Facilities	Applicable for school zones, pedestrian crossings, speed reduction markings, and safety guidance lines.
Road Maintenance Projects	Ideal for repairing worn road markings, repainting existing lines, and maintaining traffic safety markings.
Small and	A practical solution for contractors who need a portable, easy-to-maintain

Industry	Application Details
Medium Road Construction Projects	thermoplastic marking machine for flexible project operations.

Conclusion

In summary, the JW-860 Hand Push Thermoplastic Marking Machine is a reliable and efficient solution for hot melt road marking applications. With its high-precision integrated marking bucket, durable construction, adjustable glass bead spreading system, and user-friendly operation, the JW-860 delivers excellent marking quality, stable performance, and easy maintenance.

It is an ideal choice for contractors, municipal maintenance teams, parking lot projects, and various road marking applications that require precision, flexibility, and reliability. Choose the JW-860 Hand Push Thermoplastic Marking Machine for your next project and experience consistent, high-quality road marking performance.

Data Sheet

JW-860 Hand-push Thermoplastic Square Box Marking Machine

Product Overview

The JW-860 Hand-push Thermoplastic Square Box Marking Machine is based on a standard thermoplastic marking machine, with upgraded furnace and material barrel systems to provide hot melt material heating capability. It combines the functions of a thermoplastic kettle and marking machine into one compact unit, making it easy to operate, efficient, and flexible. It is especially suitable for residential areas, schools, industrial parks, parking lots, and other small-scale marking projects. It is an ideal choice for small contractors and new entrants to the road marking industry.

Reference Photo



Technical Specifications

Parameter	Specification
Paint Bucket	Double stainless steel insulated heating tank, capacity 100kg, insertable stirring device, quick disassembly and replacement design
Glass Bead Spreader	Synchronous clutch automatic sowing system (adjustable),

Parameter	Specification
	capacity 10kg
Heating Method	Liquefied petroleum gas
Ground Strike	Inlaid hard alloy material
Line-drawing Bucket	High precision integrated line scraper with scraper structure, standard configuration 150mm
Width of Markings	50/100/150/200/250/300/400/450mm line bucket optional (one 150mm bucket included as standard)
Plastic Core-Rubber Tires	Cast iron hub with heat-resistant rubber tires, rear wheel equipped with locator for straight-line guidance
Size	1.19×0.85×1.05m
Weight	185kg

Key Features

Feature	Description
Durable Construction and Ergonomic Design	The JW-860 Hand-push Thermoplastic Square Box Marking Machine is manufactured with high-quality materials to ensure excellent durability and long service life. Its robust frame is designed to withstand daily construction conditions, making it suitable for various road marking projects. The ergonomic handle provides comfortable operation, reducing operator fatigue and improving overall working efficiency.
Integrated Heating and Thermoplastic Application System	The JW-860 combines the functions of a thermoplastic kettle and marking machine, eliminating the need for separate melting equipment. Equipped with an efficient heating system, the machine ensures that thermoplastic materials are melted evenly and applied smoothly. The integrated design improves construction flexibility and is especially suitable for small and medium-sized projects.
Precision Square	The JW-860 is specially designed for square box markings, such as

Feature	Description
Box Marking	parking spaces, traffic guidance areas, and designated zones. The high-precision integrated marking bucket ensures clear edges, uniform thickness, and consistent marking quality. Multiple marking widths are available to meet different project requirements.
User-Friendly Operation	The JW-860 features a simple hand-push design that provides excellent maneuverability and allows operators to work efficiently in narrow or complex areas. The compact structure makes transportation and storage easier, while the intuitive operation system enables quick learning for new operators.
Versatile Marking Capabilities	Although specially designed for square box markings, the JW-860 Hand-push Thermoplastic Square Box Marking Machine can also produce various thermoplastic markings, including: - Parking space lines - Road lines - Directional markings - Symbols - Letters - Safety zone markings Its versatility makes it suitable for residential areas, schools, factories, parking lots, commercial facilities, and municipal projects.

Application Scenarios

Industry	Application Details
Parking Lots and Commercial Areas	Ideal for parking space markings, reserved parking areas, traffic flow guidance, and safety zones in shopping centers, office buildings, and public parking facilities.
Residential Communities	Suitable for marking parking spaces, pedestrian areas, traffic lanes, and safety guidance markings in residential areas where compact equipment and easy operation are required.
Schools and Educational	Used for pedestrian crossings, school zone markings, playground markings, speed reduction areas, and safety warning zones.

Industry	Application Details
Facilities	
Industrial Parks and Factory Areas	Suitable for internal traffic organization, loading areas, warehouse lanes, restricted zones, and workplace safety markings.
Municipal Roads and Small Road Projects	Ideal for road maintenance, intersection markings, directional arrows, and local traffic management projects.
Commercial Facilities and Public Areas	Applicable for hospitals, stations, shopping areas, and other public facilities requiring clear traffic organization and guidance markings.
Small Contractors and Maintenance Projects	A practical solution for contractors who need a compact, integrated machine for frequent project changes and short-distance marking operations.

Conclusion

In summary, the JW-860 Hand-push Thermoplastic Square Box Marking Machine is a compact and efficient solution for thermoplastic marking applications. With its integrated heating system, durable construction, precision marking performance, and easy operation, the machine provides excellent flexibility and reliability for small and medium-sized road marking projects. It is the ideal choice for contractors, maintenance teams, and new entrants who require a practical and cost-effective thermoplastic marking solution. Choose the JW-860 Hand-push Thermoplastic Square Box Marking Machine for your next project and experience reliable performance and high-quality marking results.

Data Sheet

JW-880 Hand Push Premium Thermoplastic Marking Machine

Product Overview

The JW-880 high-quality hand-push thermoplastic marking machine is the preferred solution for thermoplastic road marking operations. Its unique deep-stamped mold, all-steel construction, and tool-free replacement design make the machine more durable, reliable, and easier to maintain.

The efficient heating system and precise temperature control technology ensure consistent melting and application of thermoplastic materials, resulting in durable and high-quality road markings. In addition, the JW-880 features a user-friendly operating interface and a convenient hand-push design, allowing operators to work efficiently with minimal training.

Reference Photo



Technical Specifications

Parameter	Specification
Capacity	52L
Glass Bead Hopper Capacity	12L

Parameter	Specification
Glass Bead Distribution	20–30g / 15cm / m
Width of Markings	100mm, 150mm, 200mm, 300mm, 400mm & 450mm
Liquefied Gas Cylinder Capacity	15kg
Size & Weight	1180 × 900 × 1000mm, 145kg

Standard Features

Standard Features
Three-wheel system with two solid front wheels and one solid rear wheel for smooth and stable operation.
Adjustable handle with multiple height settings for operator comfort.
Adjustable guide pointer for accurate straight-line marking.
Adjustable glass bead spreader to optimize bead consumption and reduce material costs.
Optimized glass bead hopper design for uniform bead distribution.
Direct heating system with direct ignition and onboard handheld torch for fast and efficient thermoplastic heating.

Key Features

Feature	Description
Superior Construction and Ergonomic Design	The JW-880 Hand Push Premium Thermoplastic Marking Machine is manufactured with high-quality materials and a heavy-duty steel frame to ensure outstanding durability and long service life. The ergonomic adjustable handle provides excellent operating comfort, reducing operator fatigue during extended construction projects while improving overall productivity.

Feature	Description
Advanced Thermoplastic Application Technology	Equipped with an efficient heating system and precise temperature control, the JW-880 delivers consistent melting and smooth application of thermoplastic materials. The adjustable marking bucket allows operators to produce uniform markings with different line widths and thicknesses according to project requirements, ensuring excellent adhesion and long-lasting performance.
User-Friendly Operation	The JW-880 features a simple and intuitive operating design that allows both experienced contractors and new operators to achieve professional marking results. The hand-push structure provides excellent maneuverability, making the machine suitable for straight lines, curves, intersections, and confined working areas. Its compact design also simplifies transportation and storage.
Versatile Marking Capabilities	The JW-880 Hand Push Premium Thermoplastic Marking Machine is suitable for producing a wide variety of thermoplastic road markings, including: Lane lines, Edge lines, Center lines, Parking space markings, Directional arrows, Crosswalks, Symbols, Letters, Other traffic guidance markings Its versatility makes it an ideal solution for highways, municipal roads, airports, parking lots, industrial parks, schools, and sports facilities.

Application Scenarios

Industry	Application Details
Highways and Expressways	Ideal for applying lane lines, edge lines, center lines, and other standard road markings that require excellent durability and long service life.
Urban Roads and Municipal Streets	Suitable for traffic lanes, directional arrows, stop lines, pedestrian crossings, intersections, and various municipal road marking projects.
Parking Lots and Commercial Facilities	Efficiently marks parking spaces, traffic flow arrows, loading zones, pedestrian walkways, and safety areas in shopping centers, office buildings, and public parking facilities.

Industry	Application Details
Industrial Parks and Logistics Centers	Used for warehouse traffic lanes, loading docks, restricted areas, safety zones, and internal road guidance markings.
Airports, Ports, and Transportation Hubs	Suitable for service roads, operational lanes, guidance markings, and traffic management systems in airports, ports, and logistics terminals.
Schools, Hospitals, and Public Facilities	Ideal for pedestrian crossings, safety zones, speed reduction markings, and other traffic safety applications around public institutions.
Road Maintenance and Rehabilitation Projects	An excellent choice for remarking existing roads, repairing worn markings, and maintaining road safety with durable thermoplastic markings.
General Road Construction Projects	Suitable for both new road construction and routine maintenance projects requiring reliable marking quality, easy operation, and high construction efficiency.

Conclusion

In summary, the JW-880 Hand Push Premium Thermoplastic Marking Machine is a reliable and efficient solution for professional thermoplastic road marking applications. Featuring a robust all-steel structure, precise heating system, ergonomic design, and flexible marking capabilities, the JW-880 delivers excellent marking quality, high construction efficiency, and long-term durability. It is an ideal choice for contractors, municipalities, and road maintenance professionals seeking dependable performance and outstanding value. Choose the JW-880 Hand Push Premium Thermoplastic Marking Machine for your next project and experience superior road marking quality.

Data Sheet

JW-900 Road Marking Removal Machine

Product Overview

The design concept and manufacturing process of the 900 hot melt cold paint dual-purpose old line removal machine are first-class. Its working principle is based on the percussion and grinding technology of the plane centripetal force. The cutter head moves flexibly on the cutter shaft. When the machine rotates at high speed, the cutter head will generate a strong centripetal force, and then vigorously hammer the surface of the marking to be removed, thereby achieving the purpose of removing the old line. The significant advantage of this removal machine is that its cutter head does not have a hard contact with the surface to be processed, so the damage to the processed surface is minimal, which is very suitable for the removal of old lines of hot melt cold paint markings. It not only has high working efficiency, but also has low damage to the surface. At the same time, due to its simple design, it is relatively easy to maintain.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	9HP Japanese Honda gasoline engine

Parameter	Specification
Excluding Line Width	220mm
Remove Line Depth	0-4mm
Speed	3600r/min
Number of Mill Head Shafts	4 axes (axes treated with special materials)
Speed of Removal	500m ² -700m ² /day
Knife Blade Life	About 3000m ²
Size	0.97×0.6×1m
Weight	115kg

Key Features

Feature	Description
High-Power Removal Technology	The JW-900 Road Marking Removal Machine is equipped with high-power removal technology that ensures quick and efficient removal of road markings. The machine uses a combination of mechanical and thermal processes to remove paint and other marking materials without damaging the road surface. This advanced technology allows the JW-900 to handle large areas quickly, reducing downtime and increasing productivity. The high-power engine ensures consistent performance, even in the most demanding conditions.
User-Friendly Design	The JW-900 is designed with user-friendliness in mind. The machine features an ergonomic design that makes it easy to operate and maneuver. The control panel is intuitive, allowing operators to adjust settings quickly and efficiently. The JW-900 also features a compact size and lightweight design, making it easy to transport and set up, even in tight spaces. This design ensures that the machine can be used in a variety of environments without compromising on performance.
Durable and	Built to last, the JW-900 Road Marking Removal Machine is constructed

Feature	Description
Reliable Construction	with high-quality materials and components. The machine is designed to withstand the rigors of daily use in various weather conditions. Its robust construction ensures long-lasting performance and minimal maintenance requirements, making it a reliable choice for road maintenance teams. The JW-900 is built to handle the toughest tasks, ensuring that it remains a valuable tool for years to come.
Cost-Effective Solution	The JW-900 Road Marking Removal Machine is not only powerful and efficient but also cost-effective. The machine's high efficiency means that it can complete jobs faster, reducing labor costs. The durable construction and minimal maintenance requirements further lower operational costs, making the JW-900 an economical choice for both small and large-scale road maintenance projects. This machine is designed to provide long-term value, ensuring that your investment pays off.
Advanced Safety Features	Safety is a top priority, and the JW-900 is equipped with advanced safety features to protect operators and ensure a safe working environment. The machine includes safety guards, emergency stop buttons, and other safety mechanisms to prevent accidents and injuries. The JW-900 also features low noise levels, reducing the risk of hearing damage and ensuring a more comfortable working environment for operators.

Application Scenarios

Industry	Application Details
Urban Road Maintenance	Ideal for removing damaged lane markings, arrows, pedestrian crossings, and traffic symbols on urban streets before repainting.
Parking Lots and Commercial Facilities	Suitable for updating parking layouts, removing old parking space lines, directional arrows, and safety markings with minimal surface damage.
Construction and Temporary Traffic Management	Efficiently removes temporary road markings created during construction, road diversions, or utility maintenance projects.

Industry	Application Details
Residential Roads and Community Maintenance	Its lightweight design makes it suitable for narrow streets, residential communities, schools, and factory roads where maneuverability is important.
Small and Medium Road Maintenance Contractors	The compact size, easy transportation, and low operating cost make the JW-900 an ideal solution for contractors handling routine maintenance and smaller road marking removal jobs.

Conclusion

In conclusion, the JW-900 Road Marking Removal Machine is a powerful and efficient solution for road maintenance and marking removal. With its high-power removal technology, user-friendly design, durable construction, cost-effectiveness, and advanced safety features, the JW-900 is a reliable choice for modern road maintenance needs. Whether used in road maintenance, construction sites, airports, parking lots, or urban and rural roadways, the JW-900 ensures that road markings are removed quickly and safely, contributing to a safer and more efficient transportation environment.

Data Sheet

JW-9L Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine

Product Overview

9L cold spray is the fastest hand-push marking equipment in JACKWIN marking machine construction, suitable for construction in various harsh environments, especially the powerful hydraulic system to escort the cold spray construction. The outer wall of the aluminum hydraulic oil tank has aluminum heat sink, which has good heat dissipation effect; the main configurations are imported, and both the quality and efficiency are comparable to the imported machines.

Reference Photo



Technical Specifications

Parameter	Specification
Gasoline Engine	A powerful 5.5HP Honda engine, known for its reliability and high-performance output.
Pump Operation Mode	Equipped with a built-in reversing hydraulic pump, available as either a Graco or Wagner pump, providing flexibility and high-quality pumping performance.
Maximum Flow Rate	Impressively high at 9L, enabling rapid and efficient material

Parameter	Specification
	application.
Spray Width	For single-gun operation, it can reach up to 300mm, while for double-gun, the width ranges from 50-600mm, offering great versatility for different marking requirements.
Spraying Pressure	A robust 23MPa, ensuring that the marking material is applied with sufficient force for a long-lasting and clear finish.
Marking Speed	Boasting a remarkable 13km/h, significantly reducing the time required for road marking projects.
Nozzles	Imported from Graco, with a 0.048 nozzle for single-gun and a 0.033 nozzle for double-gun, guaranteeing precise and uniform spraying.
Dimensions	Compact yet well-proportioned at 1.7×0.9×1m, facilitating easy maneuverability on construction sites.
Weight	Weighing 140kg with a Graco pump and 142kg with a German pump, achieving a balance between stability and portability.

Key Features

Feature	Description
High-Pressure Airless Cold-Spray Technology	The JW-9L utilizes advanced high-pressure airless cold-spray technology, which eliminates the need for compressed air and ensures a consistent, high-quality spray pattern. This technology allows for even application of marking paint, resulting in clear and durable road markings. The built-in reversing hydraulic pump (such as Graco or Wagner pump) ensures stable performance and long-term reliability.
Adjustable Line Width and Thickness	One of the key features of the JW-9L is its ability to adjust the line width and thickness according to specific project requirements. With a maximum line width of 300 mm and adjustable thickness ranging from 0.2 to 0.4 mm, this machine can handle a wide variety of marking tasks,

Feature	Description
	from narrow lane dividers to wide crosswalks. This flexibility makes it an ideal choice for contractors and road maintenance crews.
User-Friendly Hand-Push Design	The JW-9L is designed with user-friendliness in mind. Its hand-push mechanism allows operators to easily maneuver the machine along the road surface, ensuring precise alignment and application of markings. The lightweight yet sturdy construction ensures that the machine can be moved effortlessly, even on uneven terrain. This design not only enhances operational efficiency but also reduces the physical strain on operators.
Durable and Reliable Construction	Built to withstand the rigors of daily use, the JW-9L is constructed with high-quality materials. The aluminum hydraulic oil tank and heat sink provide excellent heat dissipation, ensuring the machine operates efficiently even under heavy loads. The main components are imported to ensure the highest quality and performance, making the JW-9L a reliable choice for long-term use.

Application Scenarios

Industry	Application Details
Urban Road Marking Projects	Suitable for city roads, intersections, pedestrian crossings, bicycle lanes, and other traffic marking applications.
Highway Maintenance and Repair	Ideal for repainting and maintenance projects requiring stable spraying performance and clear marking lines.
Parking Lots and Commercial Areas	Suitable for parking spaces, traffic guidance lines, and internal road markings.
Industrial Areas and Facilities	Applicable for factory roads, warehouses, logistics areas, and other traffic management marking projects.
Professional Road Marking Contractors	A reliable choice for contractors requiring efficient and durable cold spray marking equipment.

Conclusion

In summary, the JW-9L Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine is a premier tool for efficient and precise road marking. Its advanced technology, user-friendly design, and durable construction make it a reliable choice for a wide range of applications in the traffic safety industry. Choose the JW-9L to enhance the efficiency and safety of your road marking projects.

Data Sheet

JW-D390 Road Marking Removal Machine

Product Overview

The D390 road marking and stripping machine is a high-performance mechanical stripping device. It is known for its barrier-free design and powerful power system, ensuring high efficiency during the construction process. This stripping machine is equipped with imported super alloy special blades, which are not only durable but also have an ultra-long service life and can withstand long-term high-intensity operations. The maximum stripping efficiency of the D390 road marking and stripping machine is up to 1,200 square meters per day, which significantly increases the operating speed while minimizing the wear on the road surface, thereby protecting the road surface.

Reference Photo



Technical Specifications

Parameter	Specification
Motive Power	13HP Honda gasoline engine or 14HP Biltong gasoline engine
Excluding Line Width	225mm
Remove Line Depth	It is adjusted according to the demand and ground condition, generally not more than 3mm
Number of Cutting Tools	78 pages
Cutter	Imported super alloy special knife
Speed of Removal	800m ² -1200m ² /day
Knife Blade Life	10000m ²
Size	1.17×0.58×0.96m
Weight	265kg

Key Features

Feature	Description
High-Performance Removal Technology	The JW-D390 Road Marking Removal Machine is equipped with state-of-the-art removal technology that ensures quick and efficient removal of road markings. The machine utilizes a combination of mechanical abrasion and thermal processes to effectively remove paint and other marking materials without causing damage to the road surface. This advanced technology allows the JW-D390 to handle large areas quickly, reducing downtime and increasing overall productivity. The high-power engine ensures consistent performance, even in the most demanding conditions, making it a reliable choice for heavy-duty road maintenance tasks.
User-Friendly Design	The JW-D390 is designed with user-friendliness in mind. The machine features an ergonomic design that makes it easy to operate and

Feature	Description
	maneuver. The intuitive control panel allows operators to adjust settings quickly and efficiently, ensuring smooth operation. The JW-D390 also features a compact size and lightweight design, making it easy to transport and set up, even in tight spaces. This design ensures that the machine can be used in a variety of environments without compromising on performance.
Durable and Reliable Construction	Built to last, the JW-D390 Road Marking Removal Machine is constructed with high-quality materials and components. The machine is designed to withstand the rigors of daily use in various weather conditions. Its robust construction ensures long-lasting performance and minimal maintenance requirements, making it a reliable choice for road maintenance teams. The JW-D390 is built to handle the toughest tasks, ensuring that it remains a valuable tool for years to come.
Cost-Effective Solution	The JW-D390 Road Marking Removal Machine is not only efficient and durable but also cost-effective. The machine's high efficiency means that it can complete jobs faster, reducing labor costs. The durable construction and minimal maintenance requirements further lower operational costs, making the JW-D390 an economical choice for both small and large-scale road maintenance projects. This machine is designed to provide long-term value, ensuring that your investment pays off.
Advanced Safety Features	Safety is a top priority, and the JW-D390 is equipped with advanced safety features to protect operators and ensure a safe working environment. The machine includes safety guards, emergency stop buttons, and other safety mechanisms to prevent accidents and injuries. The JW-D390 also features low noise levels, reducing the risk of hearing damage and ensuring a more comfortable working environment for operators.

Application Scenarios

Industry	Application Details
Highway and Expressway	Designed for large-scale road maintenance projects, the JW-D390 quickly removes worn thermoplastic and cold paint markings on highways and

Industry	Application Details
Maintenance	expressways, improving preparation efficiency before remarking.
Municipal Road Rehabilitation	Ideal for city road renovation projects where old lane lines, arrows, and traffic symbols need to be removed before new markings are applied.
Airport Runway and Taxiway Maintenance	Suitable for removing obsolete runway and taxiway markings with high efficiency while minimizing damage to asphalt or concrete pavement.
Large Parking Lots and Industrial Areas	Perfect for warehouses, logistics centers, ports, and commercial parking lots where extensive marking removal is required during traffic layout changes.
Professional Road Maintenance Contractors	The high daily output and durable cutting system make the JW-D390 an excellent choice for contractors handling continuous, high-volume road maintenance projects.

Conclusion

In conclusion, the JW-D390 Road Marking Removal Machine is an efficient, durable, and cost-effective solution for road maintenance and marking removal. With its high-performance removal technology, user-friendly design, durable construction, cost-effectiveness, and advanced safety features, the JW-D390 is a reliable choice for modern road maintenance needs. Whether used in road maintenance, construction sites, airports, parking lots, or urban and rural roadways, the JW-D390 ensures that road markings are removed quickly and safely, contributing to a safer and more efficient transportation environment.

Data Sheet

JW-Dry Mechanical Recycling Device

Product Overview

The mechanical wire removal and recycling equipment is equipped with three sets of independent dust filters, which not only have self-cleaning functions, but also have a drop-down movable design, making them easy to disassemble and clean. This design can not only effectively reduce the dust phenomenon in the on-site environment and reduce the noise level, thereby providing a safer working environment for the staff, but also ensure the high efficiency of the equipment operation.

Reference Photo



Technical Specifications

Parameter	Specification
Rated Power	28kW
Vacuum Unit Flow Rate	9.25m³/min
Vacuum Unit Pressure	-26.6kPa
Fuel Tank Capacity	0.07m³
Dust Filters	Three independent units with self-cleaning drop-down active detachable function
Recovery Tank Capacity	3m³
Dimensions	2.86 × 2 × 2.08m
Weight	1.6T

Key Features

Feature	Description
Advanced Mechanical Recycling Technology	The JW-Dry Mechanical Recycling Device is equipped with state-of-the-art mechanical recycling technology that ensures efficient material recovery. The machine uses a combination of mechanical processes, including shredding, sorting, and separation, to transform waste materials into reusable resources. This advanced technology allows the device to handle a wide range of materials, including plastics, metals, and composites, making it a versatile solution for various industries. The high-efficiency design ensures minimal energy consumption and maximum output, contributing to a more sustainable and cost-effective recycling process.
User-Friendly Design	The JW-Dry Mechanical Recycling Device is designed with user-friendliness in mind. The machine features an intuitive control panel that allows operators to easily adjust settings and monitor the recycling

Feature	Description
	process. The ergonomic design ensures ease of operation and maintenance, making it accessible for both experienced and novice users. The compact size and lightweight design of the device make it easy to transport and set up, even in limited space environments. This design flexibility ensures that the JW-Dry Mechanical Recycling Device can be seamlessly integrated into existing operations without significant modifications.
Durable and Reliable Construction	Built to last, the JW-Dry Mechanical Recycling Device is constructed with high-quality materials and components. The machine is designed to withstand the rigors of daily use in various industrial settings. Its robust construction ensures long-lasting performance and minimal maintenance requirements, making it a reliable choice for continuous operation. The JW-Dry Mechanical Recycling Device is built to handle heavy-duty tasks, ensuring consistent performance and durability over time.
Cost-Effective and Eco-Friendly Solution	The JW-Dry Mechanical Recycling Device is not only efficient and reliable but also cost-effective and eco-friendly. By transforming waste materials into reusable resources, the device helps reduce waste disposal costs and minimize environmental impact. The energy-efficient design and low maintenance requirements further lower operational costs, making it an economically viable solution for businesses of all sizes. The JW-Dry Mechanical Recycling Device is designed to provide long-term value, ensuring that your investment in sustainable practices pays off.
Advanced Safety Features	Safety is a top priority, and the JW-Dry Mechanical Recycling Device is equipped with advanced safety features to protect operators and ensure a safe working environment. The machine includes safety guards, emergency stop buttons, and other safety mechanisms to prevent accidents and injuries. The JW-Dry Mechanical Recycling Device also features low noise levels, reducing the risk of hearing damage and ensuring a more comfortable working environment for operators.

Application Scenarios

Industry	Application Details
Road Marking Removal Projects	The JW-Dry Mechanical Recycling Device is designed to work alongside road marking removal equipment, efficiently collecting and recycling removed marking materials while reducing dust emissions during road maintenance operations.
Highway and Municipal Road Maintenance	Ideal for highway agencies and municipal maintenance departments, the device recovers debris generated during large-scale road marking removal, helping maintain cleaner construction sites and improving operational efficiency.
Environmentally Sensitive Construction Areas	Equipped with a self-cleaning dust filtration system, the JW-Dry Mechanical Recycling Device is well suited for projects near residential communities, schools, hospitals, commercial districts, and other locations where dust control is essential.
Airport, Port and Industrial Facilities	Suitable for airports, logistics parks, ports, and industrial facilities where road markings are frequently renewed. The device efficiently collects waste materials and minimizes environmental impact during maintenance work.
Professional Road Maintenance Contractors	The JW-Dry Mechanical Recycling Device is an ideal supporting solution for professional contractors performing continuous road marking removal projects. Its large recovery tank, high vacuum performance, and low-maintenance filtration system improve overall jobsite efficiency and reduce cleanup time.

Conclusion

In conclusion, the JW-Dry Mechanical Recycling Device is an innovative and eco-friendly solution for efficient material recovery. With its advanced mechanical recycling technology, user-friendly design, durable construction, cost-effectiveness, and advanced safety features, the JW-Dry Mechanical Recycling Device is a reliable choice for various industries. Whether used in construction, road maintenance, recycling operations, airports, ports, or industrial facilities, the JW-Dry Mechanical Recycling Device ensures efficient material recovery while contributing to a cleaner, safer, and more sustainable working environment.

Data Sheet

JW-Hand Push Two-Component 150 Dump Coating Machine

Product Overview

The small 150 coating machine is specialized equipment for two-component zebra crossing marking. This equipment can adjust the speed of the coating rod at any time according to the viscosity of the paint, meeting the construction requirements of various complex working conditions to the greatest extent possible. The equipment features a reasonable design, simple operation, stable performance, and produces beautiful, high-quality marking lines, making it widely favored by customers.

Reference Photo



Technical Specifications

Parameter	Specification
Power	6.5HP Gasoline Engine (4.8 kW)
Working Width	Maximum 50 cm
Glass Bead Equipment	Dosage Bead Dispenser
Tires	Solid Rubber, 200 × 50 mm
Dimensions	1.20 × 1.18 × 1.16 m
Weight	175 kg

Key Features

Feature	Description
Advanced Two-Component Coating System	The JW-Hand Push Two-Component 150 Dump Coating Machine is equipped with a sophisticated two-component coating system that ensures precise mixing and application of the coating materials. The machine is designed to handle a variety of coating formulations, providing consistent results every time. The two-component system allows for the perfect blend of base and curing agents, ensuring that the coating is applied evenly and adheres well to the surface. This advanced system not only enhances the quality of the coating but also reduces waste and improves overall efficiency.
User-Friendly Design for Easy Operation	We understand that ease of use is crucial in a production environment. That's why the JW-Hand Push Two-Component 150 Dump Coating Machine is designed with user-friendliness in mind. The intuitive control panel allows operators to easily adjust the coating parameters, ensuring that the machine can be tailored to meet specific application needs. The hand push mechanism provides manual control, allowing for precise application of the coating material. This feature is particularly useful for coating irregular surfaces or areas that require special attention. The machine's compact design also makes it easy to maneuver and use in various production settings.

Feature	Description
Robust Construction for Long-Lasting Durability	Built to withstand the rigors of industrial use, the JW-Hand Push Two-Component 150 Dump Coating Machine is constructed with high-quality materials and components. The sturdy frame ensures stability and durability, even during continuous operation. The coating system is designed to be resistant to wear and tear, ensuring long-lasting performance. The machine's robust construction not only guarantees reliability but also reduces the need for frequent maintenance, saving you time and resources in the long run.
High-Quality Coating Results	One of the key benefits of the JW-Hand Push Two-Component 150 Dump Coating Machine is its ability to deliver high-quality coating results. The machine's advanced coating system ensures that the coating is applied evenly and consistently, providing a smooth and uniform finish. This is particularly important for applications where the appearance and durability of the coating are critical. The machine's precision and reliability ensure that each item is coated to the highest standard, reducing the risk of defects and rework.

Application Scenarios

Industry	Application Details
Pedestrian Crossing Marking	Designed for two-component zebra crossing and pedestrian safety marking applications.
Urban Road Marking	Suitable for intersections, stop lines, warning markings, and other municipal road marking projects.
School and Hospital Safety Zones	Ideal for highly visible safety markings in school zones, hospital areas, and pedestrian-priority locations.
Parking Lot Marking	Used for pedestrian crossings, directional markings, and safety zones in parking facilities.
Industrial and	Applicable for factories, logistics centers, warehouses, and commercial

Industry	Application Details
Commercial Areas	facilities requiring durable traffic markings.
Road Maintenance Projects	Suitable for remarking and rehabilitation of existing zebra crossings and road safety markings.

Conclusion

In conclusion, the JW-Hand Push Two-Component 150 Dump Coating Machine is a powerful and versatile tool that can significantly enhance your coating processes. With its advanced two-component coating system, user-friendly design, robust construction, and high-quality results, this machine is the perfect solution for businesses looking to improve efficiency, precision, and quality in their coating applications.

Data Sheet

JW-Hand Push Two-Component Dot Coating and Marking Machine

Product Overview

Two-component spot-painted road markings are not easy to deform in high temperatures in summer and are not easy to fall off in low temperatures in winter. Due to the existence of cross-linking reactions, the road marking coating is more compact and slow to react to temperature changes. It has higher mechanical strength in high and low temperature environments. All these characteristics help to increase the service life of two-component spot-painted road markings and extend their service life.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	Honda-GX160 gasoline engine, 5.5HP
Gasoline	Gasoline, 2.9L capacity
Electronic Systems	Walking 48DC, computer 12VDC, pump 74VDC
Compression Engine	Exhaust volume 0.21nm ³ /h

Parameter	Specification
Supervise and Control the Monitoring System	Germany imports EGE flow electronic controller
Walking Drive	Hydraulic walking drive system
Speed of Travel	14km/h
Maximum Gradability	15°
Motor Flow	80ml
Tank Capacity	About 100kg
Curing Agent Capacity	About 1.25kg
Cleaning Agent Capacity	About 0.012m ³
Hybrid System	98:2, fluid with curing agent pump
Glass Bead Equipment	1:16 gravity spreader
Width of the Line	150cm (4:5) and 20cm can be selected (5:6 or 6:6), 400cm (10:11)
Wheel	Front wheel: 4.00*84PR pneumatic tire Rear wheel: solid rubber wheel d=200mm
Size	1.41.21.3m (not including pointers)
Weight	About 345kg

Key Features

Feature	Description
Advanced Two-Component Coating and	The JW-Hand Push Two-Component Dot Coating and Marking Machine features a sophisticated two-component system that allows for the precise mixing and application of materials. This system ensures that the

Feature	Description
Marking System	coating and marking agents are applied evenly and consistently, providing a high-quality finish every time. The machine is designed to handle a variety of materials, including adhesives, conductive inks, and marking fluids, making it suitable for multiple industrial applications. The precision of the dot coating function ensures that each dot is applied with uniform size and spacing, while the marking function provides clear and durable marks.
User-Friendly Design for Easy Operation	Ease of use is a key feature of the JW-Hand Push Two-Component Dot Coating and Marking Machine. The intuitive control panel allows operators to easily adjust the settings for coating and marking, ensuring that the machine can be tailored to meet specific application requirements. The hand push mechanism provides manual control, allowing for precise application on irregular surfaces or in areas that require special attention. The compact design of the machine makes it easy to maneuver and integrate into existing production lines, saving space and increasing efficiency.
Robust Construction for Long-Lasting Performance	Built to withstand the demands of industrial use, the JW-Hand Push Two-Component Dot Coating and Marking Machine is constructed with high-quality materials and components. The sturdy frame ensures stability and durability, even during continuous operation. The machine's components are designed to resist wear and tear, ensuring long-lasting performance and minimal maintenance requirements. This robust construction not only guarantees reliability but also reduces downtime, ensuring that your production processes remain efficient and uninterrupted.
High-Quality Results with Precision and Consistency	One of the standout features of the JW-Hand Push Two-Component Dot Coating and Marking Machine is its ability to deliver high-quality results with precision and consistency. The advanced coating and marking system ensures that each dot and mark is applied accurately, providing a professional finish. This is particularly important for applications where precision and quality are critical, such as in electronics manufacturing or automotive parts production. The machine's reliability and precision help to reduce errors and rework, saving time and resources in the long run.

Application Scenarios

Industry	Application Details
Highway Road Marking	Suitable for lane lines, edge lines, warning markings, and other road safety markings on highways and expressways.
Urban Road Marking	Ideal for city roads, intersections, pedestrian crossings, and traffic guidance markings.
Parking Lot Marking	Used for parking spaces, directional arrows, traffic flow markings, and safety zones.
Airport Pavement Marking	Suitable for runway, taxiway, apron, and other airport pavement marking applications.
Industrial Area Marking	Applicable for warehouses, logistics centers, factories, and industrial traffic management markings.
Road Maintenance Projects	An efficient solution for road remarking, rehabilitation, and maintenance projects using two-component materials.

Conclusion

In conclusion, the JW-Hand Push Two-Component Dot Coating and Marking Machine is a powerful and versatile tool that combines advanced coating and marking capabilities in one compact and user-friendly device. With its robust construction, user-friendly design, and high-quality results, this machine is the perfect solution for businesses looking to streamline their production processes and achieve precise, reliable outcomes.

WUHAN JACKWIN INDUSTRIAL CO., LTD.

武汉杰晟工贸有限公司

ADD.:Room 1305-1306,Office Block #5,Hankou City Plaza,Houhu Ave.,Jiang An District,Wuhan 430014,China

Sales: sales6@jack-win.cn | WhatsApp: +86 19092948360 | www.jackwinsafety.com

Data Sheet

JW-Hand Push Two-component Spraying Machine (Wagner pump external mixing)

Product Overview

The two-component spraying machine is equipped with advanced shock absorption system, rear mounted spray gun bracket, lightweight nozzle fixing device, and easy to remove all-round fluid filter. The device has added a 20% hydraulic fluid tank for continuous cooling of the system. The improved cooling grille is wrapped under the hydraulic cooling tank, increasing the air volume by 70%, which can better cool the hydraulic system; The improved belt of the new motor device system is matched with a longer belt service life, and the improved automatic tension spring is installed in the center, which can be continuously and stably used.

Reference Photo



Technical Specifications

Parameter	Specification
Main configuration	Wagner dual pump, hydraulic engine drive system, infinitely variable transmission system
Maximum nozzle size	Single gun 0.039, double gun 0.031

Parameter	Specification
Maximum working pressure and flow rate	3300psi, flow 9L*2
Fuel tank capacity	3.6L
Engine power	6.5HP (Honda gasoline engine from Japan)
Actual work efficiency	2-3kg/h
Glass bead spreading system	Air pressure spraying, using imported air compressors; Imported glass bead spray gun; Capacity 27kg
Size and weight	1.731.121.17m, Weight 240kg

Key Features

Feature	Description
Advanced Wagner Pump Technology	The JW-Hand Push Two-Component Spraying Machine features advanced Wagner pump technology, known for its reliability and efficiency. This technology ensures consistent material delivery, providing a smooth and uniform coating application. The Wagner pump is designed to handle a wide range of two-component materials, making it versatile for various industrial applications. The pump's external mixing system allows for precise control over the mixing ratio, ensuring that the coating is applied evenly and without waste.
Precision External Mixing System	The external mixing system of this machine is designed to provide precise control over the mixing of two-component materials. This system allows for accurate adjustment of the mixing ratio, ensuring that the coating is applied consistently and uniformly. The external mixing design also reduces the risk of clogging, ensuring a smooth and uninterrupted coating process. This precision is crucial for applications where the appearance and durability of the coating are critical.
User-Friendly Design for Easy Operation	Ease of use is a key feature of the JW-Hand Push Two-Component Spraying Machine. The intuitive control panel allows operators to easily adjust the settings for coating application, ensuring that the machine can be tailored to meet specific requirements. The hand push mechanism provides manual control, allowing for precise application on irregular surfaces or in areas that require special attention. The compact design of the machine makes it easy to maneuver and integrate into existing production lines, saving space and increasing efficiency.
Robust	Built to withstand the demands of industrial use, the JW-Hand Push Two-

Feature	Description
Construction for Long-Lasting Performance	Component Spraying Machine is constructed with high-quality materials and components. The sturdy frame ensures stability and durability, even during continuous operation. The machine's components are designed to resist wear and tear, ensuring long-lasting performance and minimal maintenance requirements. This robust construction not only guarantees reliability but also reduces downtime, ensuring that your coating processes remain efficient and uninterrupted.
High-Quality Coating Results	One of the standout features of the JW-Hand Push Two-Component Spraying Machine is its ability to deliver high-quality coating results. The advanced Wagner pump technology and precision external mixing system ensure that each coating is applied evenly and consistently, providing a smooth and uniform finish. This is particularly important for applications where the appearance and durability of the coating are critical, such as in automotive or industrial manufacturing. The machine's reliability and precision help to reduce errors and rework, saving time and resources in the long run.

Application Scenarios

Industry	Application Details
Highway Construction	Lane lines, edge lines, center lines, shoulder markings, and reflective road markings on highways and expressways.
Municipal Road Projects	Crosswalks, intersections, directional arrows, bus lanes, and urban traffic guidance markings.
Parking Facilities	Parking stalls, directional arrows, loading zones, pedestrian areas, and traffic flow markings.
Airports	Runway markings, taxiway markings, apron markings, and other airfield pavement markings.
Industrial Facilities	Safety walkways, warehouse traffic routes, storage area markings, and factory floor markings.
Ports & Logistics Centers	Traffic guidance lines, container yard markings, loading zones, and operational area markings.
Road Maintenance Contractors	Re-marking, line refurbishment, and maintenance of existing road marking systems.

Conclusion

The JW-Hand Push Two-Component Spraying Machine (Wagner Pump External Mixing) is a versatile and efficient solution for all your coating needs. With its advanced technology, user-friendly design, and wide range of applications, it is the perfect addition to any manufacturing or production environment. Invest in the JW-Hand Push Two-Component Spraying Machine today and experience the difference it can make in your operations. Enhance your productivity, ensure quality, and stay ahead of the competition with this innovative spraying solution.

Data Sheet

JW-Hand Push Shaking Scraping Vibration Integrated Marking Machine

Product Overview

The two-component oscillating, throwing and scraping multifunctional integrated marking machine is a specialized machine for two-component road marking construction. This self-propelled equipment not only supports oscillation, throwing, and scraping marking functions in one machine, but can also construct various types of two-component road markings, including ribbed markings, profile markings, scraping markings, and conventional markings.

The equipment adopts an efficient and energy-saving power system, significantly reducing labor intensity during construction. It features a reasonable design, simple operation, and stable performance. The marking lines are neat, durable, and of excellent quality, making the machine highly favored by customers.

Reference Photo



Parameter	Laying Mode	Scraping Mode	Oscillation Mode
Engine	Honda gasoline engine, OHV 4-stroke air-cooled, 5.5HP	Honda gasoline engine, OHV 4-stroke air-cooled, 5.5HP	Honda gasoline engine, OHV 4-stroke air-cooled, 5.5HP
Walking Drive Mode	Automatic hydraulic continuously variable transmission	Automatic hydraulic continuously variable transmission	Automatic hydraulic continuously variable transmission
Working Speed	5 m/min	10 – 15 m/min	10 – 15 m/min
Maximum Gradability	15°	15°	15°
Line Thickness	1.5 – 2.5 mm	Flat line: 0 – 3.5 mm	Flat Line: 0 – 3.5 mm
Block Height	–	–	6.5 mm (Adjustable: 0 – 10 mm)
Height of Protrusion	–	–	Controlled by CPU intelligent program
Paint Usage	2 – 3 kg/m ²	–	–
Bunker	Pneumatic opening and closing, pneumatic forming	Pneumatic opening and closing, pneumatic forming	Pneumatic opening and closing, pneumatic forming
Paint Bucket	60 kg × 2	60 kg × 2	60 kg × 2
Double Glass Bead Spreader	Automatic synchronous clutch, 25 kg × 2	Automatic synchronous clutch, 25 kg × 2	Automatic synchronous clutch, 25 kg × 2
Glass Bead Consumption	500 – 600 g/m	–	–
Tires	Heat-resistant rubber tires with iron hubs; rear wheel equipped with locator	Heat-resistant rubber tires with iron hubs; rear wheel equipped with locator	Heat-resistant rubber tires with iron hubs; rear wheel equipped with locator
Line Width	150 / 200 / 300 / 400 / 450 mm (customizable)	150 / 200 / 300 / 400 / 450 mm (customizable)	150 / 200 / 300 / 400 / 450 mm (customizable)

Parameter	Laying Mode	Scraping Mode	Oscillation Mode
Dimensions	1.3 × 1.0 × 1.17 m (excluding pointer)	1.3 × 1.0 × 1.17 m (excluding pointer)	1.3 × 1.0 × 1.17 m (excluding pointer)
Net Weight	245 kg	245 kg	245 kg
Walking Drive	Eaton, USA	Eaton, USA	Eaton, USA
Electrovalve	Kangmosheng, Italy	Kangmosheng, Italy	Kangmosheng, Italy
Air Compressor	Jaguar, Taiwan	Jaguar, Taiwan	Jaguar, Taiwan
Cylinder	Yulik, Japan	Yulik, Japan	Yulik, Japan

Key Features

Feature	Description
Innovative Design for Multi-Functional Marking	Our marking machine integrates four key marking methods—hand push, shaking, scraping, and vibration—into a single unit. This unique combination allows you to tackle different marking tasks with ease, whether you need to create deep, durable marks or fine, detailed markings. The hand push feature provides manual control for precise marking on irregular surfaces, while the shaking and scraping functions enable efficient material distribution to achieve clean and sharp marking lines. The vibration mechanism ensures consistent marking pressure, resulting in uniform and high-quality markings every time.
High-Quality Components for Durability and Performance	We understand the importance of reliability in a working environment, which is why our marking machine is built with top-quality components. The sturdy frame and robust construction ensure long-lasting durability, even under heavy-duty use. The precision-engineered marking system is designed to withstand continuous operation while maintaining excellent performance. Additionally, the machine is equipped with advanced control systems that provide easy operation and precise adjustment of marking parameters, allowing users to adapt the machine to various road marking requirements.
User-Friendly	Our JW-Hand Push Shaking Scraping Vibration Integrated Marking

Feature	Description
Operation and Maintenance	Machine is designed with the user in mind. The intuitive control panel makes it easy to set up and operate, even for operators with limited technical experience. The compact design saves working space without compromising functionality. Maintenance is also simple and convenient, helping reduce downtime and maximize productivity.

Application Scenarios

Industry	Application Details
Highway Road Marking	Suitable for lane lines, edge lines, shoulder lines, and other road safety markings on highways and expressways.
Rumble Strip Marking	Ideal for vibration and raised-profile markings designed to improve driver awareness and enhance road safety.
Urban Road Marking	Used for intersections, pedestrian crossings, directional arrows, and traffic guidance markings on municipal roads.
Airport Pavement Marking	Applicable for runway, taxiway, apron, and other airport pavement marking projects requiring high durability and visibility.
Industrial and Logistics Areas	Suitable for traffic routes, safety zones, loading areas, and warehouse markings in industrial facilities and logistics centers.
Road Maintenance Projects	An efficient solution for remarking, rehabilitation, and maintenance of existing road marking systems using two-component materials.

Conclusion

The JW-Hand Push Shaking Scraping Vibration Integrated Marking Machine is a versatile and efficient solution for a wide range of road marking applications. With its advanced technology, user-friendly design, and multi-functional capabilities, it is an excellent choice for road marking contractors seeking efficiency, flexibility, and high-quality marking performance. Invest in the JW-Hand Push Shaking Scraping Vibration Integrated Marking Machine and experience improved productivity, superior marking quality, and outstanding operational efficiency.

Data Sheet

JW-Hand Push Two-Component Scraping and Marking Machine

Product Overview

The two-component spraying machine is equipped with advanced shock absorption system, rear mounted spray gun bracket, lightweight nozzle fixing device, and easy to remove all-round fluid filter. The device has added a 20% hydraulic fluid tank for continuous cooling of the system. The improved cooling grille is wrapped under the hydraulic cooling tank, increasing the air volume by 70%, which can better cool the hydraulic system; The improved belt of the new motor device system is matched with a longer belt service life, and the improved automatic tension spring is installed in the center, which can be continuously and stably used.

Reference Photo



Technical Specifications

Parameter	Specification
Marking thickness	1.2-3.5mm Adjustable
Paint bucket capacity	100kg
Curing agent tank capacity	15kg

Parameter	Specification
Glass bead bucket capacity	15kg
Marking device	Manual scraping hopper (optional 30cm, 40cm, 45cm)
Dimension	1.2 * 0.86 * 1.07 m
Weight	105kg (excluding bucket, box and counterweight)

Key Features

Feature	Description
Advanced Two-Component System	The HW-Hand Push Two-Component Scraping and Marking Machine features an advanced two-component system that allows for the precise application of marking materials and efficient scraping operations. This system ensures that the marking agents are applied evenly and adhere well to the surface, providing clear and durable markings. The scraping function is designed to remove excess material with precision, ensuring a smooth and clean finish. The machine's ability to handle two-component materials makes it versatile for various industrial applications, including automotive, electronics, and manufacturing.
User-Friendly Design for Easy Operation	Ease of use is a key feature of the HW-Hand Push Two-Component Scraping and Marking Machine. The intuitive control panel allows operators to easily adjust the settings for scraping and marking, ensuring that the machine can be tailored to meet specific application requirements. The hand push mechanism provides manual control, allowing for precise application on irregular surfaces or in areas that require special attention. The compact design of the machine makes it easy to maneuver and integrate into existing production lines, saving space and increasing efficiency.
Robust Construction for Long-Lasting Performance	Built to withstand the demands of industrial use, the JW-Hand Push Two-Component Scraping and Marking Machine is constructed with high-quality materials and components. The sturdy frame ensures stability and durability, even during continuous operation. The machine's components are designed to resist wear and tear, ensuring long-lasting performance and minimal maintenance requirements. This robust construction not only guarantees reliability but also reduces downtime, ensuring that your production processes remain efficient and uninterrupted.
High-Quality Results with Precision and	One of the standout features of the JW-Hand Push Two-Component Scraping and Marking Machine is its ability to deliver high-quality results with precision and consistency. The advanced two-component system

Feature	Description
Consistency	ensures that each marking is applied evenly and clearly, providing a professional finish. The scraping function removes excess material with precision, ensuring a smooth and clean surface. This is particularly important for applications where the appearance and durability of the markings are critical, such as in automotive or industrial manufacturing. The machine's reliability and precision help to reduce errors and rework, saving time and resources in the long run.

Application Scenarios

Industry	Application Details
Highway Construction	Lane lines, edge lines, center lines, shoulder markings, and reflective road markings on highways and expressways.
Municipal Road Projects	Crosswalks, intersections, directional arrows, bus lanes, and urban traffic guidance markings.
Parking Facilities	Parking stalls, directional arrows, loading zones, pedestrian areas, and traffic flow markings.
Airports	Runway markings, taxiway markings, apron markings, and other airfield pavement markings.
Industrial Facilities	Safety walkways, warehouse traffic routes, storage area markings, and factory floor markings.
Ports & Logistics Centers	Traffic guidance lines, container yard markings, loading zones, and operational area markings.
Road Maintenance Contractors	Re-marking, line refurbishment, and maintenance of existing road marking systems.

Conclusion

In conclusion, the JW-Hand Push Two-Component Scraping and Marking Machine is a powerful and versatile tool that combines advanced scraping and marking capabilities in one compact and user-friendly device. With its robust construction, user-friendly design, and high-quality results, this machine is the perfect solution for businesses seeking to enhance their industrial processes.

Data Sheet

JW-Raised Oscillating Marking Machine (Electric)

Product Overview

The JW-Raised Oscillating Marking Machine (Electric) is a state-of-the-art device specifically engineered for creating raised thermoplastic markings on various surfaces. This machine combines advanced technology with user-friendly features, making it an ideal choice for both experienced professionals and new entrants to the road marking industry. With its powerful electric motor, precise oscillating marking head, and adjustable settings, the JW-Raised Oscillating Marking Machine (Electric) ensures that every marking job is completed with the highest level of accuracy and efficiency.

Reference Photo



Technical Specifications

Parameter	Specification
Cell	48VDC 30A
Computer	Siemens synthetic liquid crystal display, integrated control panel
Any Power-generating or Power-driven Machine	48VDC 550W Dual-wheel drive, with differential and electronic brake

Parameter	Specification
Air Compressor	48VDC 550W 0.8pa 50L/mm oil-free and silent, maintenance free
Working Speed	≤1000m/h
Maximum Gradability	15°
Height of Projection	0-10mm
Plastic Core-rubber-tires	The iron rim is specially made of heat-resistant rubber, and the rear wheel is equipped with a locator to make the body move forward along the straight line
Width of Markings	150/200/300/400/450mm optional
Capacity	100kg
Jewellery Box Capacity	15kg
Size	1.4×1.05×1.05m
Weight	235kg (including battery, 20cm bucket)

Key Features

Feature	Description
Advanced Electric Technology	The JW-Raised Oscillating Marking Machine (Electric) is powered by a high-performance electric motor that provides consistent and reliable power. This electric drive system not only ensures smooth and precise operation but also significantly reduces noise levels compared to traditional diesel-powered machines. The machine's electric heating system efficiently melts the thermoplastic material, ensuring a consistent and uniform application of raised markings.
Precision Oscillating Marking Head	One of the key features of the JW-Raised Oscillating Marking Machine (Electric) is its precision oscillating marking head. This advanced marking head is designed to create raised markings with exceptional accuracy and

Feature	Description
	uniformity. The oscillating mechanism allows for the application of thermoplastic material in a raised pattern, enhancing the visibility and durability of the markings. The marking head can be adjusted to various widths (100mm to 300mm) and heights (up to 5mm), providing flexibility to meet different project requirements.
User-Friendly Design	The JW-Raised Oscillating Marking Machine (Electric) is designed with the operator in mind. Its intuitive control panel makes it easy to adjust settings and monitor the machine's performance. The ergonomic design ensures comfortable operation over long periods, reducing operator fatigue. Additionally, the machine's compact size and maneuverability make it ideal for working in tight spaces and on curved roads.
Eco-Friendly and Cost-Effective	The JW-Raised Oscillating Marking Machine (Electric) is designed to be eco-friendly and cost-effective. The electric motor reduces fuel consumption and emissions, making it a sustainable choice for environmentally conscious businesses. Additionally, the machine's efficient operation and low maintenance requirements result in significant cost savings over time.

Application Scenarios

Industry	Application Details
Highways and Expressways	Ideal for edge lines, shoulder lines, and lane separation lines where enhanced nighttime visibility and driver alertness are required.
Rumble Lines and Audible Markings	Suitable for creating raised profile markings that generate vibration and sound when vehicles pass over them, helping reduce lane departure accidents.
Approaches to Toll Stations and Intersections	Used to alert drivers to reduce speed before entering toll plazas, intersections, checkpoints, and other controlled traffic areas.
Pedestrian Crossings and	Provides highly visible and tactile markings that improve safety around schools, pedestrian crossings, and urban traffic-calming areas.

Industry	Application Details
School Zones	
Sharp Curves and Hazardous Road Sections	Effective for warning drivers in advance of dangerous curves, merging lanes, accident-prone sections, and other high-risk locations.
Airport, Port, and Industrial Facilities	Suitable for safety guidance markings, restricted zones, operational lanes, and traffic management systems in large facilities.
Road Safety Improvement Projects	Widely used in government-funded traffic safety enhancement programs where long-lasting and highly visible markings are required.
Urban and Municipal Roads	Applicable for traffic calming measures, lane guidance markings, and special road safety markings within cities and residential areas.

Conclusion

In summary, the JW-Raised Oscillating Marking Machine (Electric) is a powerful and versatile tool that meets the needs of modern road marking projects. With its advanced electric technology, precision oscillating marking head, and eco-friendly design, this machine is the perfect choice for professionals who demand precision, reliability, and sustainability. Choose the JW-Raised Oscillating Marking Machine (Electric) for your next project and experience the future of road marking.

Data Sheet

JW-Raised Oscillating Marking Machine (Gasoline)

Product Overview

The JW-Raised Oscillating Marking Machine (Gasoline) adopts Germany's latest intelligent program controller and a user-friendly control panel, enabling one machine to perform both raised thermoplastic markings and conventional thermoplastic markings. Equipped with a hydraulic stepless variable-speed travel system, the machine can move forward and backward smoothly, significantly improving construction efficiency. Its advanced oscillating mechanism precisely controls the shape, height, and spacing of raised markings, ensuring excellent marking quality while meeting international road marking standards and the requirements of various road conditions.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	5.5HP Honda gasoline engine, OHV 4-stroke, air-cooled
Walking Drive Mode	Automatic hydraulic continuously variable transmission
Working Speed	≤1000m/h

Parameter	Specification
Maximum Gradability	15°
Height of Projection	0–10mm
Paint Bucket	Double-layer stainless steel insulated heating tank, capacity 100kg
Glass Bead Spreader	Manual synchronous clutch type, capacity 10kg
Plastic Core-Rubber Tires	Heat-resistant rubber wheels with rear wheel locator for straight-line and curve guidance
Width of Markings	150 / 200 / 300 / 400 / 450mm optional
Size	1.35 × 0.9 × 1.08m
Weight	225kg

Key Features

Feature	Description
Advanced Intelligent Control System	The JW-Raised Oscillating Marking Machine (Gasoline) adopts Germany's advanced intelligent controller combined with a user-friendly operating panel, allowing operators to conveniently adjust marking parameters and switch between raised and conventional thermoplastic marking modes. The intelligent control system improves construction accuracy, operational efficiency, and ease of use.
Powerful Gasoline Engine	The JW-Raised Oscillating Marking Machine (Gasoline) is powered by a reliable 5.5HP Honda gasoline engine, delivering stable performance and excellent fuel efficiency. Combined with the hydraulic self-propelled drive system, the machine provides smooth operation, strong climbing capability, and reliable performance for continuous road marking projects.
Precision Raised Oscillating	The machine features a high-precision oscillating marking mechanism capable of accurately controlling the height, spacing, and profile of raised

Feature	Description
Technology	thermoplastic markings. It can produce highly uniform rumble strips and raised profile markings that significantly improve nighttime visibility and provide vibration and audible warnings to drivers.
Durable Construction	Designed specifically for raised thermoplastic road marking applications, the machine is manufactured using high-quality materials to ensure excellent durability and long service life. The insulated stainless steel paint tank maintains stable material temperature, while the wear-resistant components ensure consistent marking quality even under demanding working conditions.
Hydraulic Self-Propelled System	The hydraulic continuously variable transmission allows smooth forward and reverse movement without manual pushing. The self-propelled design greatly reduces operator fatigue while maintaining consistent construction speed and marking quality, especially during long-distance projects.
User-Friendly Operation	The ergonomic control layout allows operators to quickly adjust marking width, oscillating height, and travel speed. The machine is easy to operate, maintain, and transport, making it suitable for both experienced contractors and new operators.
Versatile Raised Marking Capabilities	The JW-Raised Oscillating Marking Machine (Gasoline) is capable of producing a wide variety of raised thermoplastic markings, including: - Edge lines - Lane separation lines - Center lines - Rumble strips - Audible warning markings - Deceleration markings - Warning markings - Traffic safety markings Its versatility makes it an excellent solution for highways, municipal roads, airports, ports, industrial parks, and large infrastructure projects.

Application Scenarios

Industry	Application Details
Expressways and Highways	Ideal for edge lines, lane separation lines, gore areas, toll plaza approaches, and interchange ramps where raised markings effectively alert drivers and reduce lane departure accidents.
Urban Roads and Municipal Streets	Suitable for pedestrian crossings, intersections, sharp curves, school zones, ramps, and traffic calming areas requiring enhanced driver awareness.
National, Provincial, and Rural Roads	Widely used on continuous downhill sections, dangerous curves, village entrances, and road junctions to improve safety and encourage speed reduction.
Rumble Strip Applications	Creates raised profile markings that generate vibration and audible warnings when vehicles pass over them, helping prevent accidents caused by fatigue or distracted driving.
Airport, Port, and Industrial Facilities	Suitable for operational lanes, safety guidance markings, restricted zones, loading areas, and internal traffic management systems.
Road Safety Improvement Projects	Ideal for upgrading existing roads with raised thermoplastic markings to improve nighttime visibility, wet-weather performance, and long-term durability.
High-Risk Road Sections	Recommended for bridge approaches, tunnel entrances, accident-prone locations, merging lanes, and other hazardous traffic areas.

Conclusion

In summary, the JW-Raised Oscillating Marking Machine (Gasoline) is a powerful and versatile solution for raised thermoplastic road marking applications. Featuring a reliable 5.5HP Honda gasoline engine, hydraulic self-propelled drive system, advanced intelligent control system, and precision oscillating marking technology, the machine delivers outstanding construction efficiency, marking accuracy, and long-term durability. Its ability to produce highly visible raised markings with vibration and audible warning effects makes it an ideal choice for highways, municipal roads, airports, industrial facilities, and road safety improvement projects. Choose the JW-Raised Oscillating Marking Machine (Gasoline) for your next project and achieve safer, more durable, and highly visible road markings.

Data Sheet

JW-Recycling High Pressure Water Jetting Removal Machine

Product Overview

High-pressure water jetting wire removal technology is not only favored for its excellent removal effect, but also causes relatively little damage to the road surface. Traditional road marking removal methods often generate large amounts of dust during operation, which not only affects the surrounding environment but also poses health risks to workers. Therefore, conventional removal processes require additional dust suppression measures. High-pressure water jetting technology effectively eliminates this issue by recycling wastewater and removed marking residues through a dedicated recovery system while removing old markings, achieving both environmental protection and resource recycling. In addition, high-pressure water jetting technology simplifies the construction process by eliminating time-consuming procedures such as dust suppression, manual cleaning, and asphalt oil coating. This significantly improves construction efficiency, shortens road closure time, minimizes traffic disruption, and allows roads to be reopened more quickly. By adjusting the operating pressure, road markings can be removed without damaging the pavement while simultaneously cleaning the treated surface. Designed to adapt to demanding construction environments such as those in Saudi Arabia, the machine efficiently performs both marking removal and pavement cleaning in a single operation.

Reference Photo



Technical Specifications

160MPa / 36L Model

Parameter	Specification
Engine	Weifang Huadong Six-Cylinder National II Engine
Power	173kW
RPM	1800r/min
Pump Speed	530r/min
Pressure	160MPa
Flow Rate	36L/min
Piston Diameter	20mm (Ceramic piston)
Piston Stroke	85mm (Ceramic piston)
High-Pressure Seal	Imported molded seal
Water Slag Separation	Hydraulic self-unloading function, forced lubrication system, oil cooling system
Burst Disc & Pressure Gauge	Imported
Monitoring Instrument Box	Full computer monitoring instrument box
Pressure Pump	Front-mounted pressure pump, maximum 6kg boost
Water Supply Pipeline System	Stainless steel pipes and crimped hoses
Filter	Dual-layer stainless steel vertical filter, two-stage filtration
Water Supply Protection System	Low-pressure water supply protection system

Parameter	Specification
Recovery System	SSA vacuum pump, pressure -0.4 bar
Water Tank	Clean water tank 3.7T, sewage tank 4T (customizable)
Dimensions	4.1 × 2 × 2m (customizable)
Weight	Approx. 5T

200MPa / 48L Model

Parameter	Specification
Engine	Weichai Four-Cylinder Stage III Emission Engine
Power	154kW
RPM	2200r/min
Pump Speed	370r/min
Pressure	200MPa
Flow Rate	48L/min
Bearings	Japanese NSK
Piston	Tungsten Carbide 19.05
High-Pressure Seal	Imported molded seal
Water Slag Separation	Hydraulic self-unloading function, forced lubrication system, oil cooling system
Safety Features	Imported burst disc, high-pressure gauge, full computer monitoring console
Pressure Pump	Front-mounted pressure pump, maximum 6kg boost
Water Supply Pipeline	Stainless steel pipes and crimped hoses

Parameter	Specification
System	
Filter	Dual-layer stainless steel vertical filter, two-stage filtration
Water Supply Protection System	Low-pressure water supply protection system
Recovery System	SSA vacuum pump, pressure -0.4 bar
Water Tank	Clean water tank 3.7T, sewage tank 4T (customizable)
Dimensions	4.1 × 2 × 2m (customizable)
Weight	Approx. 5T

Key Features

Feature	Description
Advanced High-Pressure Water Technology	The JW-Recycling High Pressure Water Jetting Removal Machine is equipped with advanced high-pressure water jetting technology for efficient and non-destructive road marking removal. By using ultra-high-pressure water jets, the machine removes thermoplastic and cold paint markings while minimizing damage to the pavement surface. The integrated wastewater recovery system collects water and removed residues simultaneously, ensuring clean and environmentally friendly operation.
User-Friendly Design	The JW-Recycling High Pressure Water Jetting Removal Machine features an intuitive control system that enables operators to easily adjust pressure settings and monitor operating conditions. Its ergonomic design simplifies operation and maintenance, while the modular structure allows convenient transportation and deployment for various road maintenance projects.
Durable and Reliable Construction	Built with premium components, including imported seals, ceramic or tungsten carbide pistons, NSK bearings, and stainless steel piping, the JW-Recycling High Pressure Water Jetting Removal Machine delivers

Feature	Description
	outstanding durability and reliable long-term performance under demanding construction conditions.
Cost-Effective and Eco-Friendly Solution	The JW-Recycling High Pressure Water Jetting Removal Machine combines road marking removal, pavement cleaning, wastewater recovery, and residue collection into one operation. This significantly reduces labor, cleanup time, and environmental impact while improving construction efficiency and lowering overall operating costs.
Advanced Safety Features	Safety is integrated throughout the machine with a computerized monitoring system, imported burst disc protection, high-pressure gauges, low-pressure water supply protection, forced lubrication, and oil cooling systems, ensuring safe and reliable operation under high-pressure working conditions.

Application Scenarios

Industry	Application Details
Highway and Expressway Road Marking Removal	The JW-Recycling High Pressure Water Jetting Removal Machine is ideal for removing worn thermoplastic and cold paint markings from highways and expressways while preserving pavement integrity and minimizing traffic disruption.
Airport Runways and Taxiways	The machine efficiently removes runway and taxiway markings without damaging asphalt or concrete surfaces, making it suitable for airports where surface quality and cleanliness are critical.
Urban Road Rehabilitation	Designed for municipal road maintenance projects, the machine removes old lane lines, pedestrian crossings, arrows, and traffic symbols while simultaneously cleaning the pavement, preparing it for remarking.
Environmentally Sensitive Construction Areas	With its integrated wastewater and residue recovery system, the machine is particularly suitable for projects near residential communities, hospitals, schools, commercial districts, and environmentally regulated areas where dust and wastewater control are required.

Industry	Application Details
Professional Road Maintenance Contractors	The JW-Recycling High Pressure Water Jetting Removal Machine is an ideal solution for contractors requiring high-efficiency, non-destructive road marking removal with integrated recycling, helping improve productivity while reducing environmental impact.

Conclusion

In conclusion, the JW-Recycling High Pressure Water Jetting Removal Machine is an efficient, durable, and eco-friendly solution for modern road marking removal. Combining ultra-high-pressure water jetting technology with an integrated wastewater recycling system, the machine delivers non-destructive removal, cleaner construction sites, and higher operational efficiency. Whether used on highways, municipal roads, airports, or environmentally sensitive construction projects, the JW-Recycling High Pressure Water Jetting Removal Machine provides a professional, sustainable, and cost-effective solution for road maintenance.

Data Sheet

JW-Self-propelled Thermoplastic Marking Machine Product Overview

The self-propelled hot melt road marking machine is equipped with a stepless speed-changing walking system that allows for easy advance and retreat, greatly improving construction efficiency. It is suitable for hot melt road construction with slopes. It can be used with a hot melt kettle to complete difficult road marking construction. The equipment uses a specially manufactured high-precision cast iron marking bucket to ensure the road surface is marked, and the glass bead spreader is equipped with a speed regulating buffer device. The marking construction has the characteristics of high quality, fast speed, flexible operation, and easy maintenance.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	Japanese Honda 5.5HP gasoline engine
Thermotank	Double layer moisturizing heating bucket, capacity 120kg, plug-in manual stirring device, detachable design

Parameter	Specification
Volume of Glass Bead Box	10kg per box
Paint Pot Width	The width can be replaced (50/100/150/200/300/400/450mm) and the thickness can reach the range 1.2-2.5mm
Working Speed	> 1500m/h
The Line-drawing Bucket	Made of high precision ultra-thin material, the bottom knife used is wear-resistant, anti-deformation and anti-oxidation, and the scraper structure ensures that the edge and head of the marking line are even and the thickness is uniform
The Slope of the Climb	15°
Plastic core-rubber-tires	The rubber wheel is specially made for wear resistance and heat, and the rear wheel is equipped with a locator to ensure that the vehicle body can be driven along a straight line or in a curve
Heating Method	The 15kg oil liquefied gas tank supplies gas to the heater inside the paint bucket and the front and rear nozzles of the line-drawing bucket and the external ignition gun respectively, and the fire power is controlled by the ignition gun
Size	1.23×0.85×1.15m
Weight	170kg

Key Features

Feature	Description
Advanced Self-Propelled Design	The JW-Self-propelled Thermoplastic Marking Machine features a self-propelled system that ensures smooth and consistent movement during the marking process. This design eliminates the need for manual pushing, reducing operator fatigue and increasing overall efficiency. The machine is equipped with a high-quality engine that provides reliable power, ensuring consistent performance even in demanding conditions.

Feature	Description
High-Capacity Paint Bucket	The machine includes a double-layer stainless steel thermal insulation heating bucket with a capacity of up to 100kg. This large capacity allows for extended marking periods without frequent refills, making it suitable for large-scale projects. The heating bucket is designed with a plug-in mixing device that can be quickly removed and replaced, ensuring efficient mixing and melting of thermoplastic materials.
Precision Marking Head	The JW-Self-propelled Thermoplastic Marking Machine is equipped with a high-precision marking head that ensures uniform and precise application of thermoplastic markings. The marking head can be adjusted to various widths (50mm to 450mm) and thicknesses (1.2mm to 2.5mm), providing flexibility to meet different project requirements. The marking head is designed to create clear and durable lines, even on curved roads.
User-Friendly and Efficient Operation	Designed with the operator in mind, the JW-Self-propelled Thermoplastic Marking Machine offers an intuitive control panel that makes it easy to adjust settings and monitor the machine's performance. The ergonomic design ensures comfortable operation over long periods, reducing operator fatigue. Additionally, the machine's compact size and maneuverability make it ideal for working in tight spaces and on curved roads.

Application Scenarios

Industry	Application Details
Highways and Expressways	Ideal for lane lines, edge lines, center lines, and other long-distance road markings that require high durability and clear visibility.
Urban Roads and Municipal Streets	Suitable for city roads, intersections, directional arrows, guide markings, and traffic management projects.
Parking Lots and Commercial Areas	Efficiently applies parking space lines, pedestrian walkways, loading zones, and traffic guidance markings.

Industry	Application Details
Industrial Parks and Logistics Centers	Used for internal traffic organization, safety markings, warehouse routes, loading areas, and restricted zones.
Airports, Ports, and Transportation Hubs	Suitable for service roads, operational zones, safety guidance markings, and traffic control lines in large transportation facilities.
Mountain Roads and Sloped Roads	The self-propelled walking system and climbing capability make it particularly suitable for road marking work on slopes and uneven terrain.
Road Maintenance and Rehabilitation Projects	Ideal for remarking existing roads, resurfaced pavements, and maintenance projects requiring consistent marking quality and construction efficiency.
Pedestrian Crossings and Safety Zones	Provides clear and uniform markings for crosswalks, school zones, bus stops, and other traffic safety applications.

Conclusion

In summary, the JW-Self-propelled Thermoplastic Marking Machine is a powerful and versatile tool that meets the needs of modern road marking projects. With its advanced self-propelled design, high-capacity paint bucket, precision marking head, and user-friendly features, this machine is the perfect choice for professionals who demand precision, reliability, and efficiency. Choose the JW-Self-propelled Thermoplastic Marking Machine for your next project and experience the difference in quality and performance.

Data Sheet

JW-Self-propelled Thermoplastic Spraying Marking Machine

Product Overview

The self-propelled hot melt spraying machine adopts the centrifugal roller spraying principle. Through the high-speed rotation of the double-axis gear, centrifugal force is generated to spray the paint onto the road surface to form a coating film. The spray-type spraying has smooth lines, neat edges, uniform thickness, and good micro-bead adhesion. With the rapid development of transportation, high-grade roads mostly use coarse gravel permeable roads. The road surface of large and medium repairs adopts the thin award sealing process. It brings new issues to the amount of materials used for our road markings. The new hot melt spraying process not only saves materials, but also has good drainage and good reflection.

Reference Photo



Technical Specifications

Parameter	Specification
Engine	5.5HP Honda engine
Actuating Device	infinitely variable speeds

Parameter	Specification
Maximum Climbing Angle	18°
Paint Bucket Capacity	100kg
Width of the Line	15cm—45cm
Thickness Adjustment	1.2—2.5mm
Size	1.30.931m

Key Features

Feature	Description
Self-Propelled Design for Enhanced Efficiency	The JW-Self-propelled Thermoplastic Spraying Marking Machine features a self-propelled system that ensures smooth and consistent movement during the marking process. This design eliminates the need for manual pushing, reducing operator fatigue and increasing overall efficiency. The machine is equipped with a high-quality gasoline engine that provides reliable power, ensuring consistent performance even in demanding conditions.
High-Capacity and Efficient Heating System	The machine includes a double-layer stainless steel thermal insulation heating bucket with a capacity of up to 150kg. This large capacity allows for extended marking periods without frequent refills, making it suitable for large-scale projects. The heating bucket is designed with a plug-in mixing device that can be quickly removed and replaced, ensuring efficient mixing and melting of thermoplastic materials. The electric heating system ensures rapid and even heating, reducing the time required for material preparation.
Precision Spraying Marking Head	The JW-Self-propelled Thermoplastic Spraying Marking Machine is equipped with a high-precision spraying marking head that ensures uniform and precise application of thermoplastic markings. The marking head can be adjusted to various widths (50mm to 450mm) and thicknesses (1.2mm to 2.5mm), providing flexibility to meet different project requirements. The spraying mechanism ensures that the markings

Feature	Description
	are smooth, consistent, and highly visible, even on curved roads or uneven surfaces.

Application Scenarios

Industry	Application Details
Highways and Expressways	Ideal for center lines, edge lines, lane separation lines, and other long-distance road markings requiring high visibility and durability.
Urban Roads and Streets	Suitable for municipal road marking projects, including traffic lane markings, directional arrows, and road guidance symbols.
Parking Lots	Efficiently applies parking space lines, directional markings, pedestrian crossings, and safety zones in commercial and public parking facilities.
Industrial Areas and Logistics Centers	Used for traffic organization, loading zone markings, warehouse road markings, and safety guidance lines.
Airports and Port Facilities	Suitable for marking service roads, operational zones, and safety guidance lines in airports, ports, and large transportation hubs.
Road Maintenance Projects	Especially effective for resurfaced roads, chip seal roads, and thin overlay pavements where material savings and strong reflective performance are important requirements.
Pedestrian Crossings and Safety Zones	Provides clear, highly visible markings for pedestrian crossings, school zones, and other traffic safety applications.

Conclusion

In summary, the JW-Self-propelled Thermoplastic Spraying Marking Machine is a powerful and versatile tool that meets the needs of modern road marking projects. With its self-propelled design, high-capacity heating system, precision spraying marking head, and user-friendly features, this machine is the perfect choice for professionals who demand precision, reliability, and efficiency. Choose the JW-Self-propelled Thermoplastic Spraying Marking Machine for your next project and experience the difference in quality and performance.

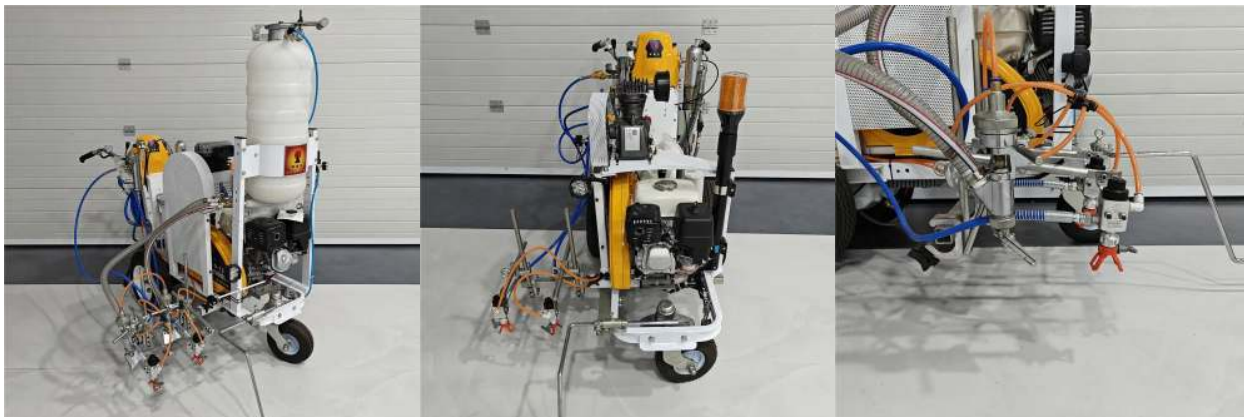
Data Sheet

Upgraded JW-12L Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine

Product Overview

As a leading production factory specializing in road marking equipment, we are proud to introduce the Upgraded JW-12L Hand-Push High-Pressure Airless Cold-Spray Road Marking Machine. This advanced machine is designed to revolutionize efficiency in road marking, offering unparalleled performance and reliability for the traffic safety industry. Our commitment to innovation and quality ensures that the Upgraded JW-12L stands out as a game-changer in road marking technology.

Reference Photo



Technical Specifications

Parameter	Specification
Power	9PS (Honda engine)
Pump	Built-in Reversing Hydraulic Pump
Spray Gun	Two (Automatic)
Fuel	Gasoline

Parameter	Specification
Max Flow	9L/min 12L/min
Max Working Pressure	23MPA
Spray Width	0-300mm (single gun) 50-600mm (double guns)
Spray Thickness	0.2-0.4mm
Max Working Speed	13km/h
Max Nozzle Size	0.048 (Single spray gun)
Aluminium Oil Tank Capacity	13L
High Pressure Pipe Length	15m
Function	Self-propelled, Laser Guide, Automatic Skip Line
Spreader	Pneumatic Glass Beads Spreader

Key Features

Feature	Description
Enhanced Performance	The upgraded JW-12L features an advanced high-pressure airless spray system that ensures a flawless application of road marking materials. This innovative technology allows for a consistent and even spray pattern, minimizing overspray and ensuring that every line is sharp and well-defined. Capable of handling a wide range of road marking paints, including both water-based and solvent-based options, the JW-12L is versatile enough to meet the demands of various projects.
Ergonomic and User-Friendly Design	Designed with the operator's comfort in mind, the upgraded JW-12L boasts an ergonomic hand-push design that facilitates easy maneuverability across different surfaces. The lightweight frame and adjustable handle allow for comfortable operation, reducing fatigue during extended use. The intuitive control panel enables users to easily adjust the spray width and pressure, making it simple to customize the

Feature	Description
	machine for specific marking requirements.
Superior Efficiency and Productivity	One of the key advantages of the upgraded JW-12L is its ability to significantly increase productivity. With a high-capacity paint tank and a powerful spray nozzle, this machine can cover large areas in a fraction of the time compared to traditional methods. This efficiency not only accelerates project timelines but also reduces labor costs, making it an economical choice for contractors and municipalities alike.
Robust and Reliable Construction	Built to endure the challenges of daily use, the upgraded JW-12L is constructed from high-quality materials that ensure long-lasting performance. Its durable design can withstand harsh working conditions, making it suitable for both urban and rural road marking applications. Additionally, the machine is designed for easy maintenance, with accessible components that simplify routine checks and repairs.

Application Scenarios

Industry	Application Details
Urban Road Marking Projects	Ideal for city roads, intersections, parking areas, bicycle lanes, and pedestrian crossings, providing clear and durable markings with high spraying accuracy.
Highway and Expressway Maintenance	Suitable for road maintenance and repainting works, helping contractors complete large-scale marking tasks efficiently with consistent line quality.
Airport Runways and Industrial Areas	The high-pressure airless spray system ensures smooth and uniform markings, making it suitable for airports, factories, logistics areas, and other places requiring precise traffic guidance.
Parking Lots and Private Road Systems	With adjustable spray width and flexible operation, the JW-12L is suitable for parking spaces, residential areas, campuses, and commercial facilities.
Road Repair and Re-marking	Its self-propelled design, laser guidance system, and automatic skip line function make it an efficient solution for professional road marking

Industry	Application Details
Applications	contractors handling different project requirements.

Conclusion

The upgraded JW-12L Hand-Push High-Pressure Airless Cold Spray Road Marking Machine is a revolutionary tool in the traffic safety industry. With its enhanced performance, user-friendly design, and superior efficiency, it is the ideal solution for all your road marking needs. Invest in the upgraded JW-12L today and experience the transformative impact it can have on your road marking projects, ensuring safety and compliance in every application.