

THERMOPLASTIC ROAD MARKING MACHINE



QUALITY



R&D



PRODUCTS



SERVICES



MAN POWER



ROAD EQUIPMENTS (INDIA) PVT. LTD.

AN ISO 9001:2015 COMPANY

COMMITTED FOR SUPERIOR
QUALITY - RESULTS & SERVICES

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MANUFACTURING
OF
ROAD
CONSTRUCTION
MACHINERY

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THERMOPLASTIC ROAD MARKING MACHINE



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THERMOPLASTIC ROAD MARKING MACHINE

MAIN FEATURES

A Contribution towards better safer roads Kesar - Thermo-plastic Road Marking Machine for application of hot Thermoplastic making on Roads, Highways-for guiding and controlling traffic, City Roads - for smooth flow of traffic, Roads on the mountains, along the hills-to warn the drivers about the hazardous locations, Side streets, Parking lots, Factory floor, Air-ports & runways, Sports ground, Railway platform, Bus-stops, zebra crossings and other surfaces.

- ▶ User friendly, Easy to operate and for application of precise an extraordinary strength & gives consistent performance and break free operation.
- ▶ Our machine is suitable for small as well as big projects.

For different line width, only need to change the marking shoe with different size.

THERMOPLASTIC ROAD MARKING MACHINE

QUALITY ASSURANCE

We believe that client satisfaction comes from products that perform efficiently and reliably with least down time. We have adopted stringent quality assurance checks for every product, starting with the raw material. Our workforce is self motivated with every employee considering himself to be a Quality Inspector.

DESIGN AND ENGINEERING

We our products are designed from basic principles. Past experience, field feed-back, innovation and application form important parameters in the design of our products.

AFTER SALES-SERVICE

We offer you not only prompt and effective service, but also the complete range of original spares to help prevent any down time and consequent production & profit losses. We have earned on enviable reputation throughout the country for the excellence of our sales & service.

THERMOPLASTIC ROAD MARKING MACHINE



STAINLESS STEEL 304 PAINT TANK

It is be used to store High-temperature paint. which is more durable & safe.



INDICATOR PIN

The needle will be unfolded during work, positioning the edge of the line.



QUANTITATIVE GLASS BEADS

Dispenser Uniformly spray glass beads



FLOOR KNIFE

Carbide, can adjust the thickness range of the marking.



DURABILITY

The internal structure of the equipment is processed by hot galvanizing for anti-corrosion stainless steel 304 external enclosure with high tempera-ture resistant surface coating make the equipment be solid.



SCREEDING TYPE ROAD

Marking hopper Using the hopper, making the lines much neat and more elegant.

THERMOPLASTIC ROAD MARKING MACHINE



WIDE APPLICATION

Advantages of low investment, light weight, easy loading, operation & maintenance, suitable for the marking work with thermoplastic paints in all kind of roads, vehicle parking, schools, factories etc.



LABOR SAVING

Unique design of screeding knife bottom ensures a good sealing and easy open & close.



SAFETY

Advanced heating & ignition supply and good melting heat preservation improve the convenience & safety of the operation greatly.



FIRED FURNACE IS WITH SAFE IGNITION DEVICE

To light fired furnace below fuel barrel.



HOPPER

Control the width of the line, generally with 15cm, 10-50 can be customized.



DOUBLE BARREL

Double insulated bucket with stirring handle. Not only can the coating be kept warm, but the mixing handle can also better mix the coating.

TECHNICAL SPECIFICATION

ITEM	SPECIFICATION
Paint Tank	100 Kgs. Capacity of Stainless Steel Tank & agitator with vertically mounted agitating arm.
Heating System	LPG Supply, Valves, Stove, Fire Nozzles, gas Meter, ignite and pipes.
Hand Torch	For safe lighting of burners.
Tank Temperature	The Material tank shall have an outer jacket fitted with Dial Type Temperature Gauge 30° C- 400° C to maintain the uniform temperature of the material.
Marking	Manual Screeding with marking shoe.
Pointer Guide	Front Mounted Pointer Guide adjustable according to laying shoe size.
Standard Marking Shoe	100 & 150 mm marking shoe (High Temperature, Oxidation & Deformation resistance)

ITEM	SPECIFICATION
Marking Thickness	1.5-3.0 mm (Adjustable) Marking Shoe Optional*50 mm / 80 mm / 100mm / 120mm / 150mm / 200mm / 300mm/500mm (at customer's option)
Glass Beads Storage Box	15 Kgs. Capacity
Glass Beads Dispenser	Automatic quantitative dispenser synchronous with paint screeding system.
Rear Wheel	Lockable directional device can ensure the road marking machine moving in straight line or turning freely 360 degree swivel in curved road.
Tool Box	Tool Box Kit & Storage etc.
Packing Type	Standard Export Packing in Wooden Box.
Wooden Box Size (CMS)	140 X 98 X 126 (LxWxH)
Net Weight	185 Kgs.
Gross Weight	270 Kgs.

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THERMOPLASTIC ROAD MARKING MACHINE

MAIN FEATURES

- Thermal Oil Jacketed Thermoplastic Preheaters, having a capacity of 300 Kgs. (12 Bags) as single unit are manufactured to a very high standard.
- New heating system and stirring system designs improves its melting efficiency.
- It is made of special steel with scorch resistance, heating resistance & oxidation resistance & melting quality is much better.
- Vertical Type Mechanical agitation, provided horizontal & vertical stirrer agitations blades.
- Provide Heat eliminating glass wool insulation on outer portion.
- Skid Mounted, Ideal to be transported or Mount on a small 1 Ton Capacity Tempo/Vehicle.

QUALITY ASSURANCE

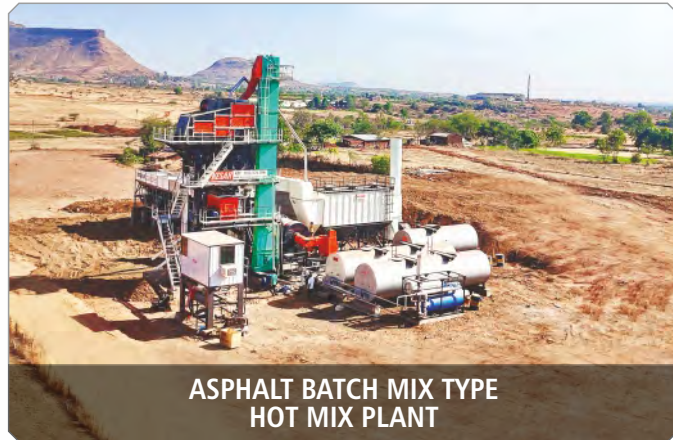
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THERMOPLASTIC ROAD MARKING MACHINE

ITEM	SPECIFICATION
Paint Tank Capacity	300 Kgs. (12 Bags) Capacity.
Engine	Powered by 5 HP Air Cooled Diesel Engine.
Stirrer Mixing System	Gear-box driven stirrer system with fix mixing rotation and speed.
Heating System	LPG Supply, Valves, Stove, Fire Nozzles, Gas Meter, ignite and pipes to operate the heavy-duty burner.
Hand Torch	For safe lighting of burners.
Paint Tank Material Outlet	Specially designed material outlet door for fast and smooth opening.

ITEM	SPECIFICATION
Discharge Outlet	Lockable discharge trough and the close inter meshing type discharge system.
Tool Box	Tool Box Kit & Storage etc.
Packing Type	Standard Export Packing in Wooden Box.
Wooden Box Size (CMS)	176 X 104 X 147 (LxWxH)
Temperature Gauge	Attached with heavy-duty temperature gauges to monitor the thermoplastic paint prior for heating.
Net Weight	450 Kgs.
Gross Weight	570 Kgs.

PRODUCTS RANGE



ASPHALT BATCH MIX TYPE
HOT MIX PLANT



ASPHALT DRUM MIX TYPE
HOT MIX PLANT



WET MIX MACADAM PLANT
(SOIL STABILIZING PLANT)



MOBILE ASPHALT DRUM MIX
TYPE HOT MIX PLANT



ROAD PAVER FINISHER
ASPHALT HOT MIX CUM WET MIX APPLICATION



BITUMEN PRESSURE DISTRIBUTOR
(TRUCK MOUNTED)



BITUMEN PRESSURE DISTRIBUTOR
(TRUCK MOUNTED)



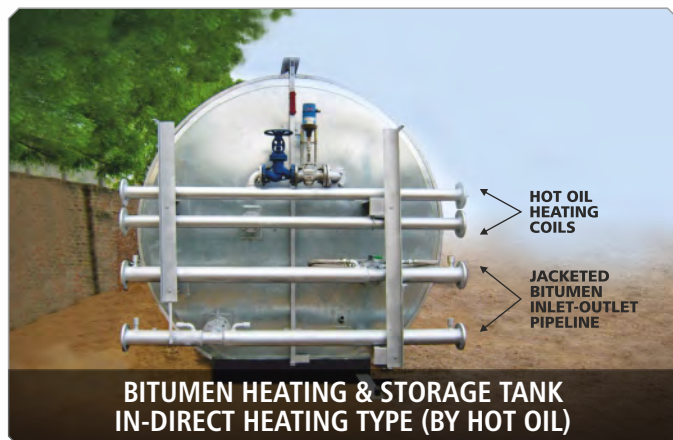
BITUMEN EMULSION SPRAYER
(TRACTOR LINKED)



BITUMEN EMULSION SPRAYER WITH
COMPRESSOR (TRACTOR LINKED)



BITUMEN HEATING & STORAGE TANK
DIRECT HEATING TYPE (BY BURNER)



BITUMEN HEATING & STORAGE TANK
IN-DIRECT HEATING TYPE (BY HOT OIL)

HOT OIL
HEATING
COILS

JACKETED
BITUMEN
INLET-OUTLET
PIPELINE



BITUMEN DRUM DECANTER
(ASPHALT DRUM MELTER)



HYDRAULIC BROOMER
(ROAD SWEEPER) TRACTOR LINKED



THERMOPLASTIC
ROAD MARKING MACHINE



AGGREGATE CHIP SPREADER



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SCAN
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