

UNIMARK POWERMASTER 450 EX THERMOPLASTIC ROAD MARKING MACHINE

Unimark Machines Pvt. Ltd.

Unimark Machines Pvt. Ltd. is known to be a specialist in road marking technology. Having vast experience in this domain, Unimark has supplied Road Marking and Safety products to diverse markets including EU, APAC, USA and Africa.

Range of Products

- Road Marking Machines
- Drying Machines
- Preheaters
- Line Removers
- Accessories

Contact Information

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The UNIMARK POWERMASTER 450 EX is the next generation extrusion road marking machine. It is a 4 wheel machine with enhanced tank capacity & heating capability.

3 Powerful Cylinder engine making the machine easy to cope with double line and wider line systems. Built to last, simple to use and well-priced making it a sound investment.



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Road Marking Technology

SPECIFICATION : UNIMARK POWERMASTER 450 EX THERMOPLASTIC ROAD MARKING MACHINE

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Engine	26 HP Kohler / Lombardini (3 Cylinder) Electronic start and alternator. Acoustic hinged cover.	
Compressor	3 HP Fini station Two cylinder air cooled piston, 240 liter / minute 7 bar, fan cooling pulley driven via belt from engine.	
Transmission	18 cc variable displacement piston pump. Closed loop system to 2 x 300 cc front wheel drive motors. Foot control System for forward and reverse. Automatic spring neutral for safety and convenience. Tandem mounted 14 cc auxiliary gear pump	
Wheels	Pneumatic 4-off 400 mm dia. Rubber cushion tires. 2-off front driving and steering by sensitive hydraulic steering to cut down driver fatigue. 2-off rear wheel with hand parking brakes. Hydraulic transmission service brake on foot pedal.	
Thermoplastic Tank	225liter / 450 Kg capacity with oil jacket indirect heating from propane (LPG). Electronic flame management with auto-ignition, thermostat and flame sensor.	
Hot Oil pump	Hydraulic Driven hot oil pump. Pump with 3M TM seals to handle high temperature	
Thermoplastic Tank Agitation	Hydraulic motor driven agitation with Stop / Forward / Reverse hydraulic valve & Pressure relief valve for safety.	
Gang Valve	Reputed Hydraulic / Electrical operated.	
Bead Tank	75 Kg capacity pressurized certified vessel. Normal operation pressure 0.5 bar.	
Bead Gun	Venturi atomising with fan spread jet. Operated in unison with extrusion shoe.	
Extrusion Head	30 CM . Capable of marking 10CM, 15 CM, 20CM, 30 Cm, 2 lines of 10 CM with 10 CM gap. (See options)	
Controls	11 programmed automatic line control unit mounted within easy reach of operator's seat. Functions include manual, semi-automatic and fully automatic line control. Manual over-ride of computer provided. Fitted joy stick control.	
Finish	Gloss black and golden yellow. Other colours available on request.	
Guidance	Mechanical adjustable front mounted guide bar & pointer.	
Safety	Rotating amber beacon. Front and rear lights with turn indicators.	
Optional	Raised rib profile line system – Screed Type.	Double line systems with dual bead guns.
	Night working lamps.	Drivers sun shade.
	Rear warning board.	Diesel burner instead of propane (LPG Burner
	Different Width extrusion head available on request upto 50 cm width.	
Dimensions Weight	L3.2 XW2.1XH2.2 m (Approx.) 2.2 MT (Approx.)	

Unimark operates on policy of continual research and development, therefore specifications can change without notice. The images of machines are indicative.



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