

SPECIFICATION : POWERMASTER 180 THERMOPLASTIC EXTRUSION 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

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Engine	: Suitable 10 HP single cylinder air cooled diesel engine. Electronic start and alternator. Acoustic hinged cover.
Compressor	: Two cylinder air cooled piston, 240 liter / minute 7 bar, fan cooling pulley driven via belt from engine.
Transmission	: Axial 16 cc variable displacement piston pump. Closed loop system to 500 cc front wheel drive motor. Foot control to pump displacement with spring to neutral in forward and reverse. Tandem mounted 8cc auxiliary gear pump.
Wheels	: 3-off 400 mm dia. Rubber cushion tyres. 1-off front driving and steering by gear steering box. 2-off rear wheel with hand parking brakes. Hydraulic transmission service brake on foot pedal.
Plastic Tank	: 120 liter capacity with oil jacket indirect heating from propane burner. Electronic flame management with auto-ignition, thermostat and flame sensor. Hydraulic motor driven oil circulation pump. Hydraulic motor driven agitator
Bead Tank	: 50 Kg capacity pressurized certified vessel. Normal operation pressure 0.5 bar.
Extrusion	: Hydraulic motor driven oil jacket screw pump feeding multi width oil jacket extrusion shoe. Up to 3 line width from same shoe available. Standard shoe is 10, 15 and 20cm wide. All other line widths available on request.
Bead Guns	: Venturi atomising with fan spread jet. Operated in unison with paint spray guns.
Controls	: 11 programme 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.
Safety	: Rotating amber beacon. Front and rear lights with turn indicators.
Optional	: Raised rib profile line system. Night working lamps. Drivers sun shade. Double line systems with dual bead guns.

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



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Road Marking Technology