

BM T 250-2

Borum City

Basic machine:

Engine

Water-cooled, 4-cylinder diesel engine, 2197 cm³.
36 kW (49 HP) at 2800 rpm.

Compressor

Oil-cooled screw compressor.
Total 1800 L/min. at 10 bar. Air safety valve with silencer.

Chassis

Stable double profile frame construction.
Motor, compressor and hydraulic pump are mounted in one unit on vibration dampers.

Power steering

Fully hydraulically powered steering for directional stability.
Turning circle 10 m.

Guide rod

Stabilised against vibrations and adjustable in all directions.
Easy handling.

Transmission

Hydrostatic, infinitely variable transmission 0-18 km/h.

Hydraulic pump

Hydraulic piston pump with integrated servo control 25 cm³.

Wheel motor

High torque hydraulic piston motors with integrated parking brake.

Hydraulic oil tank

40 Litres.

Diesel oil tank

50 Litres.

Bead tank

Bead capacity 115 L/170 kg.

Operator section

Drivers section with 2 seats. The control panel, electronics, steering wheel and instruments are connected to the drivers seat. The complete section can be slid from side to side within seconds and without the use of tools. Gauges for oil pressure, water temperature and diesel oil.

Working hour counter

Electrical system

12 V/85 Amp system. Warning lights, rear lights, front lights, battery and relays.

Electronic control system

BM UNI-LINE-EUR 1

For up to 3 paint guns and 3 bead guns. The waterproof control panel is equipped with raised buttons and each button has its own symbol for easy operation. 10 markings can be

pre-programmed. Automatic, semi-automatic and manual operation. Automatic remarking correction of cycle start and stop. Display for line length and gap, road speed, working hours and total marking distance.
Optional remote start/stop function.

Bonnet

Easy access for service.

Paint

Standard: RAL 1007.
Other colours available on request.

Extruder equipment:

Thermoplastic tank

250 L tank indirectly heated by heat transfer oil. Vertical mixer with top foundation and bearings. Thermostatically controlled oil and material temperature.

Agitator transmission

Hydraulic transmission with motor, shaft, safety valve and on/off valve. Reversible mixer.

Burner system

Diesel oil burner or alternatively Propane burner

Heat transfer oil pump

Hydraulically driven.

Extruder drive

Hydraulic motor with hose system and electronically controlled dose valve with integrated safety valve system.

Thermoplastic extruder

Thermoplastic extruder ranging from 20-50 cm fitted with 5 cm or 10 cm standard valves. (Special dimensions can be supplied on request).

The transport of material from tank to extruder is done by a hydraulically driven screw pump. The screw pump has a permanent thermoplastic re-circulation system which ensures a constant flow past the extrusion valves when material is not being extruded.

The extruder valves are cylindrical to achieve maximum working frequency when profiled markings are extruded, and they are mounted with interior hot-oil heating.

Quick cleaning

Pneumatically controlled quick cleaning system for the removal of solids left in the extrusion slot. Can be activated while extrusion is in process and is only slightly detectable on the line in the form of a moderate thickening of layer.

Extruder lifting cylinder

Adjustment of extruder height from driver's seat. Pneumatic lifting cylinder, controlled from driver's seat.

Options:

Premarking system

Electronically controlled premarking system with telescopic foundation and ground distance wheel.

Sunroof

Rear cone holder

Dimensions + weight

Excl. equipment.

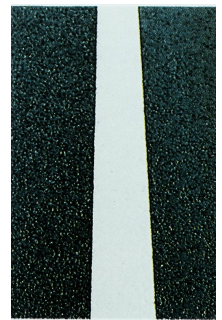
L: 4150 mm.

W: 1330 mm.

H: 2400 mm incl. rotating light.

Weight: 1600 kg.

Modification rights reserved.



– it's straightforward