

BM C 350-2

Borum Highway

Basic machine:

Engine

Water-cooled, 4-cylinder Kubota Turbo Diesel engine 3300 cm³. 62kW (83 HP) @ 2600 RPM.

Compressor

Screw compressor, capacity each 1800 L/min. at 10 bar. Air safety valve with silencer.

Chassis

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

Power steering

Fully hydraulically powered steering for directional stability. Turning circle 9.80 m.

Guide rod

Stabilised against vibrations and adjustable in all directions. Easy handling, telescopic system. Fixed to frame or turning with wheels.

Transmission

Hydrostatic, infinitely variable transmission 0-25 Km/h.

Hydraulic pump

Hydrostatic pump, 40 cm³.

Wheel motors

High-torque hydraulic piston motors with integrated full-torque electrohydraulic disc brakes.

Hydraulic oil tank

90 Litres.

Diesel oil tank

110 Litres.

Pressurized bead tanks

Bead capacity 200 L. 2 x 100 L. pressure tanks, centrally connected.

Operator section

Drivers section with 2 seats. The control panel, pneumatic section, 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.

Electrical system

12 V/85 Amp alternator. 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, gap, speed, working hours and total marking distance. Optional remote start/stop function.

Motor bonnet

Easy access for service in left and right side.

Paint

Standard: RAL 1007. Other colours available on request.

Cold paint equipment:

Pressure tank

440 L pressure tank mounted across or along axis. (Alternatively 2x440 L tanks across axis).

Agitator transmission

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

Cleaning system

10 L pressure solvent tank for cleaning hoses and paint guns.

Paint filter

Filter with cut-off valve for easy maintenance.

Retainer

Sliding retainer with ground distance wheels for the mounting of 1-3 paint guns and 1-3 bead guns. Easy to slide to working position left/right/middle without dismantling the equipment.

BM C6 cold paint gun

Automatic high-performance gun. Various nozzle sets are available which makes it possible to apply lines in widths from 8-50 cm depending on the number of guns and selected nozzle sets. (Please refer to brochure on guns).

Bead gun system

(Please refer to brochure on guns.)

Options:

Stainless steel tank

The machine can as option be delivered with material tank and filters in stainless steel for waterbased paint types.

Wide Retainer for airport marking

Retainer for the mounting of 1-5 paint guns and 1-5 bead guns.

Hydraulic lifting of pointer

Lifting and lowering of pointer is controlled from driver's seat.

Premarking system

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

BM Uni Auto Feed

Paint dose system that applies 5-50 litres per minute. Record of information on date, time and place, amount and the type of paint used for a specific job. As an option parameters such as air humidity, air temperature and paint temperature can be included in functions. (Please also see catalogue on BM Uni Auto Feed).

Driver's cabin

Foundation for reduction of vibrations, windscreen wiper, 50 mm noise silencing material in walls. Doors left and right. Operator controls and seat can be slid from left to right inside the cabin. Heating, ventilation and air condition

Dimensions + weight

L : 5100 mm.
W : 1200 mm + equipment.
H : 1900 mm
incl. rotating light.
Weight: From 2400 up to 4600 kg.

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– it's straightforward