

PHOTOS MAY SHOW OPTIONAL OR CUSTOMISED EQUIPMENT.



Single basic line



Single basic line



Double basic line



Double basic line

COLD PAINT AIRLESS APPLICATION

From city areas to urban and interurban roads, the BM 2500 can handle both smaller jobs and longer road stretches. The BM 2500 is an agile machine with excellent load abilities.

Equipped with the new generation of Borum's LineMaster computer, operating the machine is easy and convenient.

The BM 2500 has a one-seat slidable drive and operator section for flexible working on left or right side. Easy access and servicing of the machine through large doors to the engine room.

The BM 2500 CA can be equipped with up to 5 paint guns and can apply line width of up to 125 cm.

KNOWING THE BM 2500

LINEMASTER COMPUTER

With the LineMaster Computer you can control up to 6 paint or spray guns, 6 bead guns and equipment with up to 24 shutters. Moreover, it controls all these various sets of equipment in this ONE unit.

OPERATOR SECTION

Quick and easy change from side to side for marking left and right. Dual torque steering - good directional stability. Cruise control can be added as optional equipment.

FULL REAR VIEW

DIESEL TANKS

Allows for a full day's work.

ENGINE ROOM

Easy access for service.

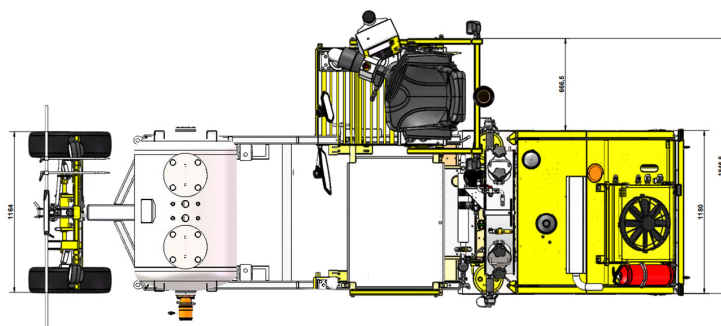
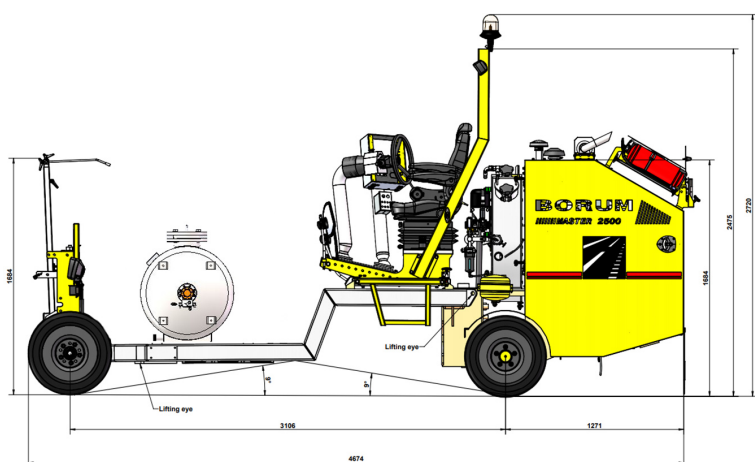
PRESSURIZED BEAD TANK

CHASSIS

Solid double-frame construction

MATERIAL TANKS

The possibility of an extra large material tank for major works ensures the most efficient workday and fast progression of the road works.



TECHNICAL SPECIFICATIONS

ENGINE

Manufacturer	Kubota
Type	Turbo (Diesel)
Cylinder	4 stroke 2400 cm ³
RatedPower	44 KW
Approval	EU Stage IIIA resp. TIER 3
Cooling	Water

COMPRESSOR

Compressor Capacity	Screw compressor. 1800 L/min @ 10 bar Integrated oil-cooling system. Air-cooler incl. water separator.
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FILLING CAPACITIES

Bead capacity	115 L/170 kg. Pressurized (max 1.2 bars)
Hydraulic tank size	70 L
Fuel tank capacity	2 x 50L

MATERIAL TANK

Material Tank	440 L or 2 x 220 L
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DRIVING PROPERTIES

Steering	Dual torque steering
Drive angle	12 degrees / 21% (5000 kg)
Turning radius	4,2 m

TRANSMISSION

Speed	0-15 km/h
Hydrostatic transmission	For variable speed, forward/backwards

ELECTRICAL SYSTEM

Electrical system	12 V / 150 Amp
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CONTROL UNIT

Borum LineMaster	Program up to 99 different line types. Organise lines in up to 30 marking programs. 8" display. Transfer of daily marking reports. Data about road marking jobs can be accessed online (optional).
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DIMENSIONS

Length	4750 mm
Height	2520 mm
Width	1180 mm without equipment

AIRLESS COLD PAINT EQUIPMENT

High-pressure airless spraying uses a high-pressure airless piston pump to spray the paint. This method can apply paints of high viscosity, and apply relatively thick layers in a single pass. However, the paint cannot be mixed in with glass beads as in the case of atomizing spray equipment due to the pump.



Sliding retainer frame, upon which 1-3 paint guns and 1-3 bead guns can be attached as standard. You can also opt for the option wide retainer on which up to 5 paint guns and 5 bead guns can be provided.

Easily slideable retainer from side to side for an optimal working position. Ground distance is maintained by retainer wheel to ensure a constant road marking width.

Lifting of retainer is done from the operator's seat.

The machine can be equipped with multiple material tanks, so that dual-color marking can be carried out.

Working speed can be up to 15 km/h depending on the conditions, e.g. material, line type, and operator experience.

BM COLD PAINT AIRLESS GUN

Automatic high-performance spray gun. Nozzle set for water-based, solvent-based and high solid paints.

Possibility to apply line widths up to 25 cm with standard nozzles depending on line thickness, work conditions, and application speed. You can also choose from a wide range of nozzle sizes depending on your requirements.

High-pressure filter unit with integrated pulsation damper. Easy cleaning and maintenance.

NON-PRESSURIZED BLACK STEEL TANK



NON-PRESSURIZED BLACK STEEL TANK

Non-pressurized black steel tank for water-based cold paint.

The material tank has a filling system with large filling holes. This makes the filling process very easy to manage. In addition, the large filling holes also make cleaning the tanks easy.

AGITATOR (MIXER)

Driven by hydraulic motor and with manually operated reversing valve.

CLEANING SYSTEM

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

LINEMASTER FEATURES

The Borum LineMaster control unit is an easy way of setting and controlling your line marking jobs. The LineMaster is attached to the operator's section of the machine and gives you full control of all your line marking tasks, from line application and pre-marking to reporting and invoicing.

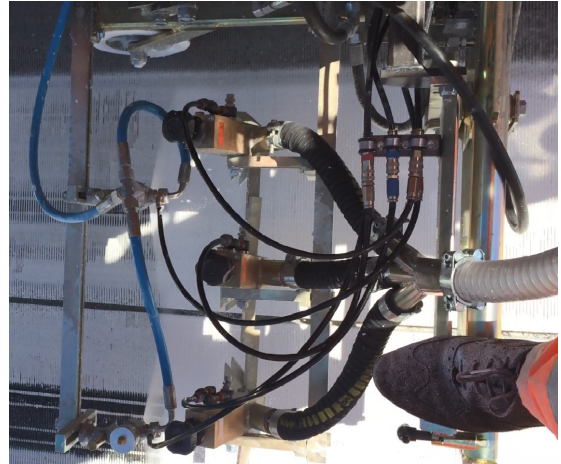


It is possible to store up to 99 different line types, and to arrange these in up to 30 different marking programs. You are also able to pre-set line widths, line types and different combinations to have them ready for marking, and can instantly adjust them on the go.

Furthermore, you are able to view the status of various parts of the machine (e.g. compressor) on the computer screen that will help with correctly maintaining the machine and avoiding break downs.

ADVANTAGES OF COLD PAINT MATERIAL

High-pressure airless spraying uses a high-pressure airless piston pump to spray the paint. The airless spray paint is sharper and smoother than atomized spray as there is no high-speed airflow to scatter any rebounding paint.



The marked lines are neat and more clear-cut compared to atomizing spray paint. This method can apply paints of high viscosity, and apply relatively thick layers in a single pass. However, the paint cannot be mixed in with glass beads as in the case of atomizing spray equipment due to the p



TYPICAL USES:

Cold paint is a cost effective solution for executing flat markings over asphalt pavements and for use in repairments.



LEARN MORE

Find out more in the Borum Knowledge Lab.

ADDITIONAL EQUIPMENT

The additional equipment can be mounted on the machine according to your requirements. They are not necessary for the running of the machine but add to the comfort of the machine driver or to the functionality of the machine.



Ejector filling of bead tank



Sunshade with 1 rotating light



Pointer turning with steering
With hydraulic lifting system



Remote control for BM Lin-eMaster



Air drier for bead tank



Cone holder



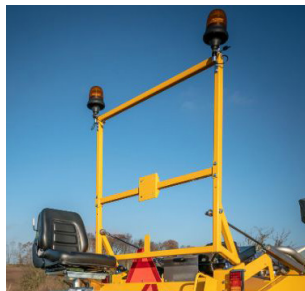
Cruise control



BM Online



Bead alarm mounted on bead gun



Bar with pneumatic lift for mounting warning lights
(Comes without lights)



Pre-marking system with paint gun



Fixed pointer
With hydraulic lifting system



Airknife



Pre-marking system with paint can



Hydraulic broom



Hand paint gun