



PHOTOS MAY SHOW OPTIONAL OR CUSTOMISED EQUIPMENT.



Single basic line



Single basic line



Double basic line



Double basic line

COLD PAINT APPLICATION

From city areas to urban and interurban roads, the BM 2000 can handle both smaller jobs and longer road stretches.

The BM 2000 C is an agile machine with excellent load abilities and a turning radius of only 3,2 m. It allows for paint tank capacities of 440 L or 2 x 220 L for two colours.

The BM 2000 has a one-seat slidable drive and operator section for flexible working on the left or right side.

The machine can be equipped to execute lines in widths between 8-100 cm. The equipment may be used for the application of single and double lines of different widths, as well as for simultaneous application of continuous and interrupted lines.

KNOWING THE BM 2000

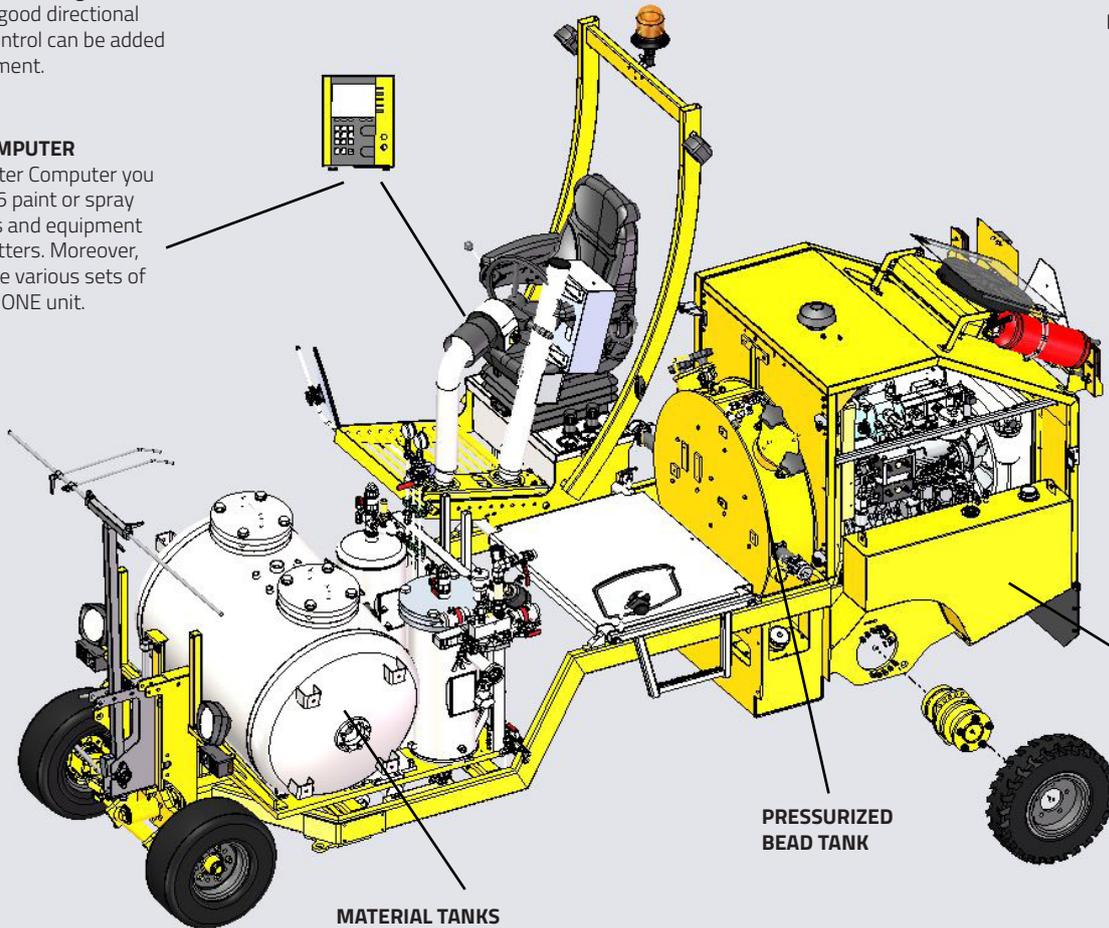
OPERATOR SECTION

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.

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.

FULL REAR VIEW



ENGINE ROOM
Easy access for service.

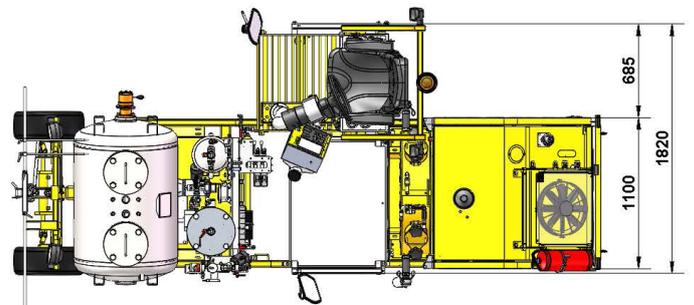
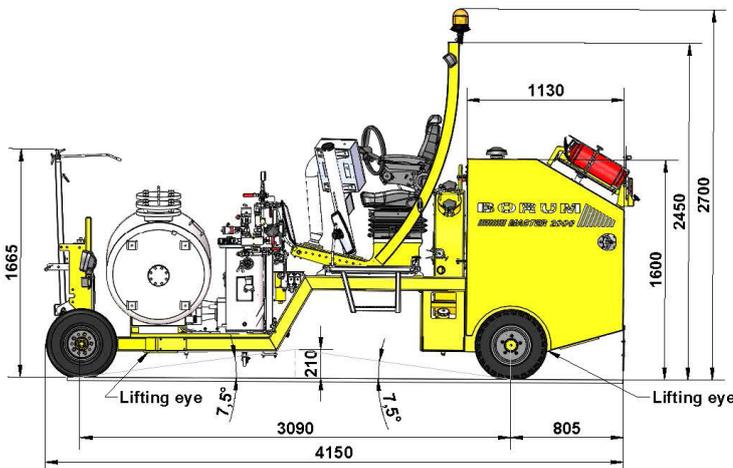
PRESSURIZED BEAD TANK

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.

CHASSIS

Solid double-frame construction



TECHNICAL SPECIFICATIONS

ENGINE

Manufacturer	Kubota
Type	Turbo (Diesel)
Cooling	Water
Cylinder	4 stroke 2400 cm ³
RatedPower	44 KW
Approval	EU stage IIIA (type V2403-M-T-)/US Interim TIER 4

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

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

MATERIAL TANK

Material Tank	440 L or 2 x 220 L
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DRIVING PROPERTIES

Turning radius	3,2 m
Steering	Dual torque steering

TRANSMISSION

Hydrostatic transmission	For variable speed, forward/backwards
Speed	0-16 km/h

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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COLOUR

Colour	RAL 1007 (Other colours available on request)
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DIMENSIONS

Length	4150 mm
Width	1100 mm
Height	2450 mm (Without Beacon)

PRESSURIZED COLD PAINT EQUIPMENT

Air spray with atomizing air is a method of marking that uses a pressure tank for the material and compressed air to atomize and spray the paint onto the road surface.



For all Borum spray machines, the equipment is mounted on a sliding retainer frame as standard that allows you to quickly slide the equipment from one side to another. You can have 1-3 paint guns and 1-3 bead guns are attached.

The ground distance is maintained by a retainer wheel to ensure a constant road marking width. Lifting of retainer is done from the operator's seat.

Paint filter with cut-off valve for easy maintenance.

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

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

BM C6 COLD PAINT GUN

High-performance spray gun. with a 6 mm nozzle set for water-based, solvent-based and high solid paints. The BM C 6 gun can work with paint marking pressure up to approx. 8 bar.

Air capacity of 300-700 L/min. is needed per gun.

Possibility to apply lines in widths from 8 to 20 cm with one gun depending on work conditions, application speed, and layer thickness. Line thickness is typically between 0.25 mm to 0.80 mm.

PRESSURIZED BLACK STEEL TANK



Pressurized black steel tank for solvent - 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.

STAINLESS TANK (OPTION)

Pressurized material tank and filters in stainless steel for water and ammonium based paints.

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.

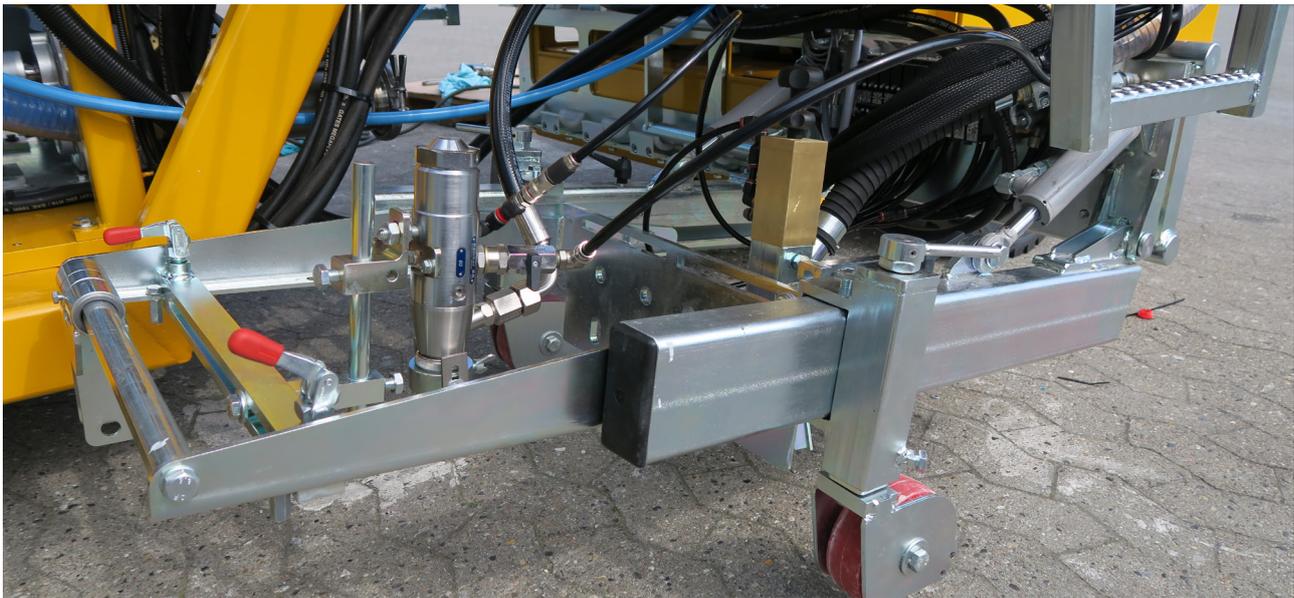


Furthermore, you are able to view the status of various parts of the machine (e.g. compressor) on the computer screen that will help with correctly maintaining the machine and avoiding break downs.

COLD PAINT FEATURES

Cold paint material is a cost-effective solution for executing flat markings over all types of pavements and for use in repairments. Flat lines are mainly used in well-illuminated areas as urban roads for e.g. where the lines do not need high retroreflectivity levels.

Although drying time different between types of paints, it is usually quite long and cones and traffic management might be needed.



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.



Hand paint gun



Ejector filling of bead tank



Air drier for bead tank



Fixed pointer
With hydraulic lifting system



Remote control for BM LineMaster



Cone holder



Pointer turning with steering
With hydraulic lifting system



Sunshade with 1 rotating light



Cruise control



BORUM ONLINE



Bead alarm mounted on bead gun



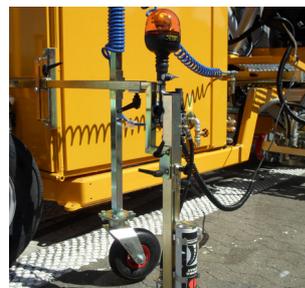
Bar with pneumatic lift for mounting warning lights
(Comes without lights)



Pre-marking system with paint gun



Airknife



Pre-marking system with paint can



Hydraulic broom