



PHOTOS MAY SHOW OPTIONAL OR CUSTOMISED EQUIPMENT.

LINE TYPES



Basic Line
(Continuous)



Basic Line
(Interrupted)

COLD PAINT APPLICATION

From city areas to urban and interurban roads, the Borum Master 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 colors.

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

The application equipment can be set to execute lines in widths of 8-100 cm and with multiple colors. 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

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

FULL REAR VIEW

DIESEL TANKS

Allows for a full day's work without refuelling.

ENGINE ROOM

Easy access for service.

PRESSURIZED BEAD TANK

Tank divided in two separate tanks. Individual or single outlet.

MATERIAL TANKS

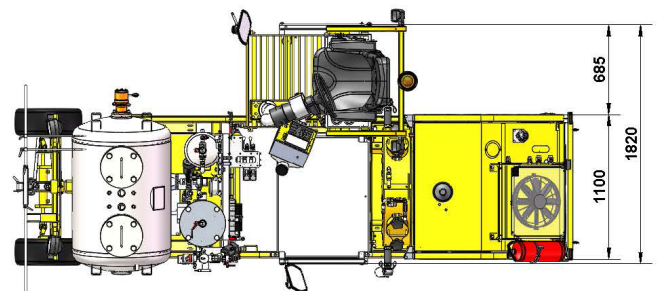
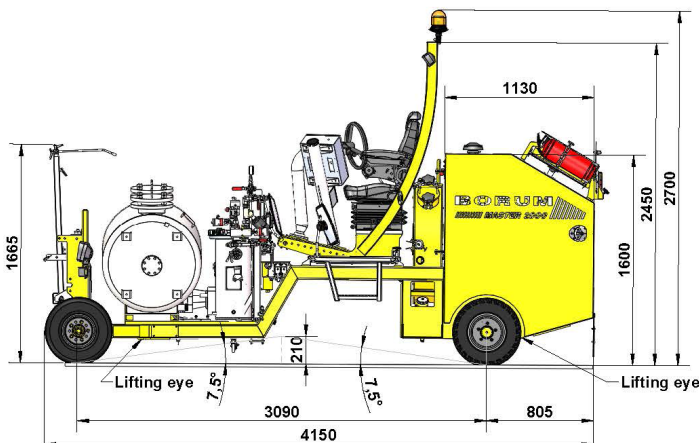
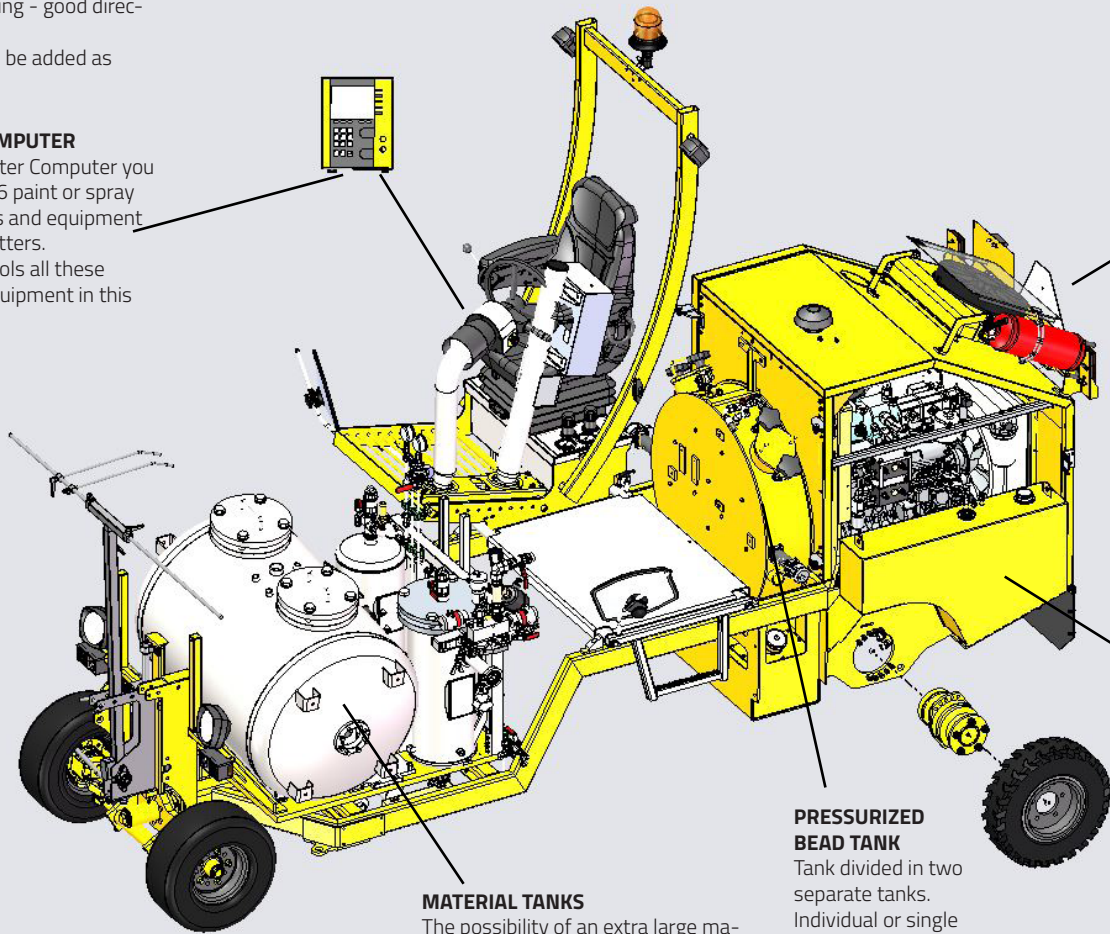
The possibility of an extra large material tank for major works ensures the most efficient workday and fast progression of the road works. Combination of hot thermoplastic and cold paint is also possible on an extended chassis.

CHASSIS











Solid double-frame construction

WHEEL MOTOR

2-speed wheel motor
Allows working uphill



TECHNICAL SPECIFICATIONS

ENGINE		
Manufacturer	Kubota	
Type	Turbo	
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.	
FILLING CAPACITIES		
Fuel tank capacity	50+5 L	
Hydraulic tank size	55 L	
Bead capacity	115 L/170 kg. Pressurised (max 2.1 bars)	
MATERIAL TANK		
Material Tank	440 L or 2 x 220 L	
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	
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. See more detailed info.	
COLOUR		
Colour	RAL 1007 (Other colours available on request)	
DIMENSIONS		
Length	4150 mm	
Width	1100 mm	
Height	2465 mm	

PRESSURIZED COLD PAINT EQUIPMENT

The Borum cold paint application equipment can be set to execute lines in widths of 8-100 cm and with multiple colours.



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.

Ground distance is maintained by retainer wheel to ensure a constant road marking width.

Lifting of retainer is done from operators seat. Pneumatic cylinder, foundation and pneumatic solenoid valve.

Paint filter with cut-off valve for easy maintenance.

Can be equipped with multiple material tanks, so that multi-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. 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.

An 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

MATERIAL TANK FOR COLD PAINT, PRESSURISED



STAINLESS TANK (OPTION)

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

Dual stroke high pressure airless pump.

Capacity: Up to 24 litres/min (6,5 gal/min)

Max pressure: 270 bar (3915 psi).

Reduced valve strokes for optimal handling of paint pressurised material tank and filters in stainless steel for water and ammonium based paints.

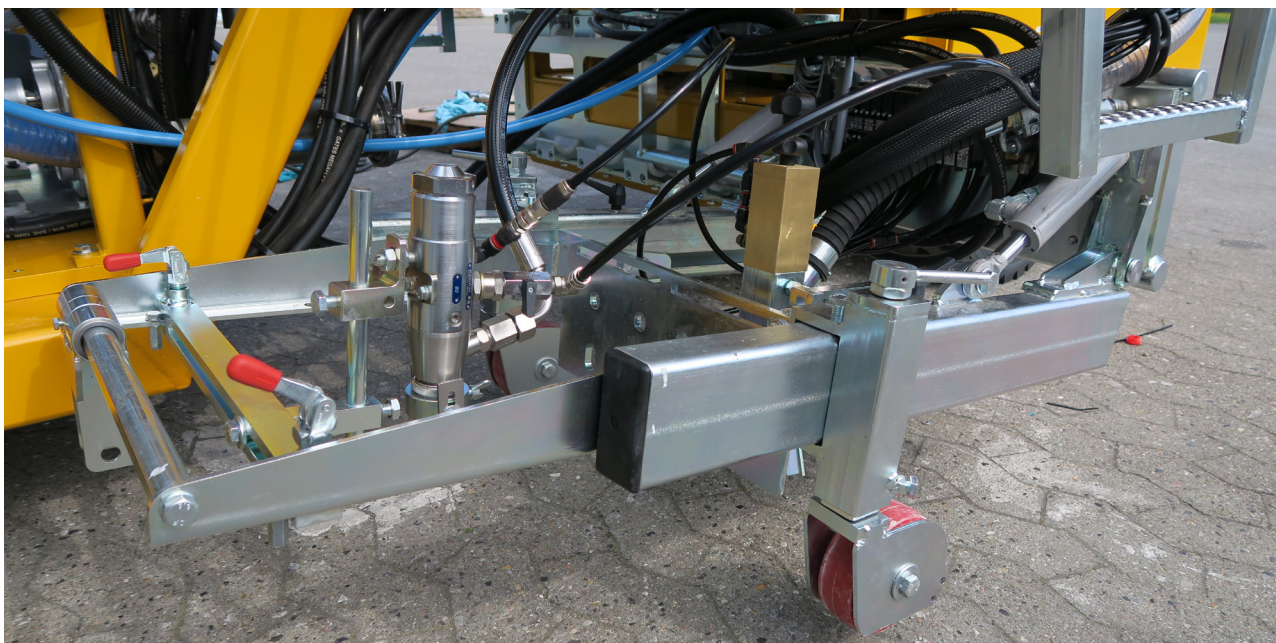
CLEANING SYSTEM

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

LINEMASTER FEATURES

The Borum LineMaster allows you efficient control of all 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, colours and combinations to have them ready for marking, and can instantly adjust them on the go.

Cold paint material is a cost effective solution for executing flat markings over all types of pavements and for use in repairs. The Borum cold paint application equipment can accommodate any type of line marking job as it can be set to execute lines in widths of 8- 100 cm. Furthermore, depending on the choice of material tanks, it is possible to apply lines in different colours in the same time.



TYPICAL USES:

Cost effective solution for executing flat markings over asphalt pavements and for use in repairment.



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



Air drier for bead tank



Fixed pointer
With hydraulic lifting system



Remote control for BM Lin-eMaster



Cone holder



Pointer turning with steering
With hydraulic lifting system



Sunshade with 1 rotating light



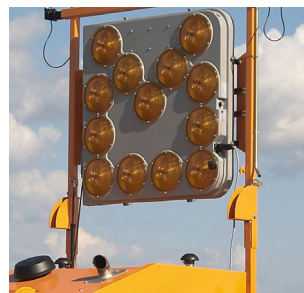
Cruise control



GPS system



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



Hand paint gun