

Rotary Hydraulic Sweeper - Bema 40

The ultimate in sweeping machines. The Bema 40 has been designed primarily for industrial use, suitable for both indoor and outdoor sweeping. An almost completely dust free cleaning action is achieved by the completely enclosed machine casing

The special cleaning brushes remove even the most difficult and resistant dirt or the finest dust.



Basic Configuration

- **Machine casing:** enclosed, stable and rigid construction
- **Working width:** 1250mm, 1550mm, and 2050mm
- **Main brush:** 660mm diameter serial PPN (not PVC) industrial segment set
- **Infinitely main brush settings:** according to degree of dirt
- **Hydraulic drive:** powerful Gerotormotor (industrial quality) integrated into the cleaning brush. Large cross section of hydraulic oil pipes and hoses.
- **Hydraulic connector:** SVK Size 3
- **Hydraulic opening waste collection container:** with a large volume and vulkolan strip
- **Super-Elastic wheels:** 200 x 80mm, 3. support wheel 250 x 80mm, with vulcanised rubber, dust caps and greaseable bearings, strengthened fork and hardened bearings
- **Dust protection and rubber bumper:** all around the hopper
- **Standard series paint finish:** Orange RAL 2011

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Optional Extra Equipment

- **Wheel and Yard Loader quick change adaptor:** with levelling system
- **Tractor mounting adaptor:** with levelling system
- **Water spray system:** 200 litre water tank with internal filter and electric pressure pump (12/24 volt), spray pipe with flat spray jets. All water related parts are made from synthetic material to avoid corrosion
- **Hydraulic rotary side brush:** 800mm diameter, right or left (may be raised) including stop valve, automatic side and height adaption (switchable). Either PPN (polypropylene), steel/PPN or flat steel wire set
- **Water spray system for rotary side brush:** with flat spray jet, including stop valve (switchable)
- **Flow regulation valve:** for carrying vehicles with an hydraulic output of more than 80 litre/min
- **Lighting system:** (necessary if used on public roads)
- **Flag holder and warning marks**

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Technical Data

Machine Type	Bema 40 1250	Bema 40 1550	Bema 40 2050
Hydraulic Drive	1 Gerotormoter (industrial use)		
Max. Operating Pressure	180 bar		
Min Fluid Throughout	15 litres / minute	20 litres / minute	20 litres / minute
Working Width	1250mm	1550mm	2050mm
Collector Capacity (approx)	275 litre	345 litre	450 litre
Weight (without extra equipment)	460 kg	500 kg	570 kg
Main Brush	660mm diameter PPN (polypropylene) industrial segment set		
Brush Revolutions	100 rpm - max. 150 rpm		
Rotary Side Brush	Hydraulic 800mm diameter (oil flow in series with the main brush)		
Rotary Side Brush	PPN (polypropylene), steel/PPN or flat steel wire set		
Water Spray System	200 litre water tank, tank filter and 12 or 24 V pump		

