

bema Sweepers

robust, reliable

*technically cost
effective and advanced*

versatile in application



Attaches to:

- Wheel loader
- Unimog-Truck
- Forklifts
- Tractors
- Special vehicles

bema

3

Cleaning brush
Ø 660 mm

Robust

CE

*"A clean
product line"*



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bema 3 Robust
Tractor mounted front power lift



bema 3 Robust Unimog-Truck lift attachment for universal winter service plate



bema 3 Robust
Wheel loader attachment quick change adaptor

Basic configuration

- **Machine casing** stable and rigid construction
- **Working widths** 2050 mm, 2300 mm, 2600 mm and 2850 mm (size over 2300 mm is made with 2 Gerotormotors)
- **Main brush** Ø 660 mm spiral form serial steel/PPN, gives you aggressive cleaning and longer life. Either PPN (polypropylene) or special brush for **snow**
- **Hydraulic drive** powerful Gerotormotor (industrial quality) integrated into the cleaning brush. Large cross section of hydraulic oil pipes and hoses.
- **Pressure release valve** 180 bar (to protect the hydraulic system)
- **Run on system** prevents sudden stop of the heavy brush
- **Hydraulic connector** SVK size 3
- **Super-Elastic wheels** Ø 250 x 80 mm (railsafe) with vulcanized elastic rubber, dust-proof, greasable roller bearings, reinforced forks and double-hardened rim bearings
- **Swivelling** mechanically
- **Parking supports** (sides) with quick locking
- **Loading loops** with large openings
- **Device** for upgrading a complete water spray system
- **Series paint finish** orange RAL 2011
- **CE certification** and operating manual

Optional extra equipment

- **Wheel loader attachment** quick change adaptor with roller levelling - service free -
- **Forklift attachment** with roller levelling and quick clamps - service free -
- **Tractor front linkage attachment** including roll level adjustment; Euro-normed quick action attachment or three-point attachment for older front loaders - service free -
- **Tractor mounted front power lifter** with oscillation power compensation, three-point attachment or collection in quick action triangle mode - service free -
- **Tractor rear** with auto level, including three-point mount
- **Unimog-Truck lift attachment** for universal winter service plate with wheel controlled vertical lifting and wheel levelling (in upper position self arresting). The hydraulic cylinder is mounted suspended cardanially and free floating
- **Mechanical drive** incl. drive shaft
- **Protection plate** incl. rubber spray protector, adjustable in height depending on the type of dirt (e.g. snow sweeping)
- **Hydraulic swivelling** (double hydraulic circuit is necessary)
- **Water spray system** (The fine water spray system sprays directly into the brush which increases the effectiveness and uses considerably less water). 240 ltr. 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.
- **Flow regulation valve** for carrying vehicles with an hydraulic output of more than 80 ltr/min.
- **Lighting system** (necessary if used on public roads)
- **Flag holder** and **warning marks**
- **Special paint finish**
- **Special construction** on request

Technical data

Maschine type	bema 3 Robust 2050	bema 3 Robust 2300	bema 3 Robust 2600	bema 3 Robust 2850
Hydraulic drive	1 Gerotormotor (industrial quality)		2 Gerotormotor (industrial quality)	
max. operating pressure	180 bar			
min. fluid throughput	40 ltr./min		60 ltr./min	80 ltr./min
Working width	2050 mm	2300 mm	2600 mm	2850 mm
Machine weight without extras	approx. 370 kg	approx. 400 kg	approx. 436 kg	approx. 456 kg
Main brush	Spiral set brush 660 mm PPN (polypropylene) or steel/PPN			
Brush revolutions	recommended 100 rpm – max. 150 rpm			
Brush revolutions with snow	recommended 150 rpm – max. 200 rpm			
Water spray system	240 ltr. water tank, tank filter and 12/24 volt pump			

bema reserve the right to change the technical data at any time.

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