

bema Sweepers

robust, reliable

*technically cost
effective and advanced*

versatile in application



Attaches to:

- **Tractors**
(Front- or rear mounting)
- **Forklifts**
- **Yard loader**
- **Small wheel loader**
- **Special vehicles**

bema

20

Cleaning brush
Ø 520 mm

CE

*"A clean
product line"*



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bema 20 complete (with quick change to yard loader, 240 ltr. water spray system, hydraulic side brush, heavy duty wheels)



bema 20 forklift mounting with wheel levelling (hydr. side brush, 3rd support wheel)



bema 20 Tractor mounting with 3 point front mounting

Basic configuration

- **Machine casing** stable and rigid construction
- **Working width** 1250 mm, 1550 mm, 1850 mm, 2300 mm
- **Main brush Ø520mm** either
 - polypropylene (PPN-pure) -not PVC- or
 - special main brush for snow (PPN spiral segments)
- **Hydraulic drive** powerful Gerotormotor (industrial quality),
- **Hydraulic connector** SVK size 3
- **Supporting wheels** Ø200 x 50 mm adjustable height with dust caps
- **Series paint finish** orange RAL 2011
- **CE certification** and operating manual

Technical data

Maschine type	bema 20 1250	bema 20 1550	bema 20 1850	bema 20 2300
Hydraulic drive	1 Gerotormotor (industrial quality)			
max. operating pressure	180 bar			
min fluid throughput	20 ltr./min			
Working width	1250 mm	1550 mm	1850 mm	2300 mm
waste collector volume	approx. 135 ltr.	approx. 165 ltr.	approx. 195 ltr.	approx. 245 ltr.
Weight without extra equipment	130 kg	150 kg	170 kg	190 kg
Main brush	Ø520 mm PPN (polypropylene)			
Brush revolutions	recommended 100 rpm - max. 150 rpm			
Rotary side brush	Ø600 mm, hydraulic powered (oil flow in series with the main brush)			
Side brush type	PPN (polypropylene), steel/PPN or flat steel wire set			
Water spray system	240 ltr. watertank, tank filter and 12/24 Volt pressure pump			

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

Your bema partner:

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Optional extra equipment

- **Three point linkage** for tractor mounting (front or rear mounting) with infinitely variable control arm cat. I and II, mechanical swivelling system (left and right)
- **Special three point linkage** cat. I for compact tractor front drive with pivoting balance, mechanical swivelling system (left and right)
- **Forklift attachment** with roller levelling, swivelling on the forks is possible
- **Quick change adaptor** with roller levelling (as light weight equipment for yard and small loaders up to 0,4 m³ bucket capacity) mechanical swivelling system (left and right)
- **Adaptor plate** with pivoting balance for yard and small loaders (A-frame is necessary)
- **Adaptor plate** A-frame to Weiste A-frame I/II (A-frame is necessary)
- **Hydraulic swivelling** (not with forklift)
 - additional hydraulic service is necessary -
- **Waste collection container** (cable emptying)
 - front incl. rubber spray protector and device for cable emptying
 - rear incl. rubber spray protector
- with a large volume, height adjustment without tools, optimal adjustment to the cleaning brush. Quick change from free brushing to use with collector. Opening and closing with cable emptying.
- **Hydraulic emptying** for waste collection container
- **Rubber spray protector** (recommended for front use)
- **Support leg** (necessary for parking machine if set for free brushing)
- **3rd support wheel** for optimal management for front use
 - heavy duty wheel Ø200 x 50 mm (industrial quality)
- **Cleaning brush Ø520 mm** steel/PPN mixture
- **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.
- **Hydraulic rotary side brush Ø600 mm -right or left-** (may be raised), incl. stop valve, automatic side and height adation
 - switchable -
 Either PPN (polypropylene), steel/PPN or flat steel wire set
- **Water spray system for rotary side brush** with flat spray jet, incl. stop valve - switchable -
- **Heavy duty support wheels Ø200 50 mm** (industrial quality) with vulcanized elastic rubber, dust-proof, greasable roller bearings, reinforced forks and double-hardened rim bearings
- **Lighting system** (necessary if used on public roads)
- **Flag holder** and warning marks
- **Special paint finish**
- **Special construction** on request



Our company is certified
DIN EN ISO 9001:2000



bema GmbH
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