

bema[®]

A clean product line.

TEAM CLEAN
EASY RIDER
THE MULTI-TALENTED

bema 25
bema 20



EASY RIDER – Features at a glance

Special features

The bema EASY RIDER is truly multi-talented due to the many different ways to attach it on a large variety of vehicles. These are our so-called basic models but are of exceptional specification and quality. The operation of all hydraulic power units, including main brush roller, rotating side brushes and opening of the dirt collection container, requires only one double-acting control circuit.

Technical details

- Comfortable adjustment of waste container and support wheels that requires no tools. The adjustment is coordinated to maintain the necessary compensation for the wear of the brush roller.
- Hydroblock on the top face of the unit includes all necessary control units, i.e. pressure control valve, brush roller overrun protection, switch valve for waste collection container and easy to maintain mounting point for the rotary side brush.
- Thorough cleaning of curbs and edges of buildings due to hydraulically driven rotary side brushes (independently controlled).
- Minimised dust formation during sweeping due to direct injection of moisture into the main brush roller and the rotary side brushes.
- Ideal control of the sweeping machines through sturdy support wheels.



bema 20

Main brush Ø 520 mm

- Versatile options for attachments
- Toolless adjustment of wheels and waste hopper
- Optional hydraulic waste hopper or cable control
- Supporting wheels Ø 200 x 50 mm

Attaches to:

- Tractor
- Forklift
- Yard loader
- Small wheel loader
- Special vehicle

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EASY RIDER

Technical data

Machine type (= working width in mm)	bema 20 1250	bema 20 1550	bema 20 1850	bema 20 2300
Hydraulic drive	Gerotormotor (industrial quality)			
Min. fluid throughput	20 ltr/min			
Collector capacity	approx. 135 ltr.	approx. 165 ltr.	approx. 195 ltr.	approx. 245 ltr.
Machine weight without extras	approx. 130 kg	approx. 150 kg	approx. 170 kg	approx. 190 kg
Weight of the waste hopper	approx. 60 kg	approx. 70 kg	approx. 75 kg	approx. 85 kg
Main brush	Ø 520 mm			
Brush revolutions	recommended 100 rpm - max. 150 rpm			
Rotary side brush	Ø 600 mm, hydraulically powered			
Water spray system	240 ltr. water tank, tank filter and 12/24 volt pump			

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



Basic configuration

- **Main brush Ø 520 mm** either polypropylene (PPN-pure) or special main brush for snow (PPN spiral segments)
- **Hydraulic drive** with powerful Gerotormotor (industrial quality); drive shaft Ø 32 mm
- **Hydraulic connector** SVK size 3
- **Supporting wheels Ø 200 x 50 mm**
- **Swivelling mechanically**
- **Parking supports** (sides) with quick locking and **loading loops** with large openings
- **Series two component painting** orange RAL 2011
- **CE certification** and operating manual

Optional extra equipment

- **Attaches to: tractor, forklift, yard loader, small wheel loader**
- **Hydraulic waste hopper** and integrated function hydraulic module
- **Waste hopper front (cable emptying)** incl. rubber spray protector and lever attachment for cable emptying
- **Waste hopper rear (cable emptying)** incl. rubber spray protector
- **Easy change conversion kit for free sweeping** incl. quick connect coupling for cylinder and fixing system for rubber spray protector
- **Rubber spray protector** (recommended for front use)
- **3rd support wheel** for optimal management for front use: heavy duty wheel Ø 200 x 50 mm (industrial quality)
- **Hydraulic swivelling** (not with forklift) (additional double hydraulic circuit is necessary)
- **Electrical 2 way-valve** (necessary when a secondary hydraulic circuit is not present)
- **Main brush Ø 520 mm steel/PPN**
- **Heavy duty support wheels Ø 200 x 50 mm** (industrial quality)
- **Water spray system** 240/200/100 ltr. complete with 12/24 volt pressure pump, internal filter, spray pipe with flat spray jets
- **Hydraulic rotary side brush Ø 600 mm** -right and/or left-
- **Speed regulation for rotary side brush**
- **Water spray system for rotary side brush**
- **Flow control valve** for carrying vehicles with an hydraulic output of more than 80 ltr/min
- **Lighting system** (necessary if used on public roads)
- **Flag holder including warning flags and warning marks**
- **Hydraulic connector on demand**
- **Special paint finish**
- **Special construction** on request