NEW

bema 85 Dual PowerMaster

MORE POWER TO YOU

Power meets efficiency – for maximum performance

Ready for more power? The new high-performance sweeper bema 85 Dual PowerMaster combines maximum sweeping power with a perfectly matched volume and exceptionally robust wheels – ideal for demanding continuous use. Powerful, efficient and cost-effective – designed to tackle demanding cleaning tasks in any environment.

FEATURES

- ✓ **Maximum operating time with full sweeping power:**
  The main brush with an 800 mm diameter and the optimally matched capacity of the collection container enable extended cleaning intervals without the need for repeated emptying.

- ✓ **Reliable control and performance:**
  The hydro block integrates all hydraulic control and safety components including pressure relief valve, overrun protection for the main brush, switching valve for the Dual collection container and connection ports for the side brushes. Available as a premium version (optional) with flow control valve (up to 220 l/min), load-sensing system and an additional electric 2-way valve. Internal gerotor motors ensure low-wear, high-performance operation - even under intensive use.

- ✓ **Reliable sweeping results on any surface:**
  Robust wheels ensure smooth and reliable operation.
  In addition, the 3D compensation and the swivel joint adapt perfectly to uneven ground.

- ✓ **Flexible sweeping without changeover:**
  Thanks to the Dual system, switching between free-sweeping and collecting operation is possible at any time.

CARRIER VEHICLES

SWE+

- Wheel loader
  from 7 t
- Telehandler
- Tractor
  front

OPTIONAL EQUIPMENT

- Water spray unit
  main brush, rotary side brushes
- Rotary side brush
  with bema SideControl
- Hydraulic swivel device
  20° to the left/right
- Scraper unit
  without/with collection container
- bema HP/MP
  pressure water units:
  high-pressure 120 bar or medium-pressure 50 bar
- bema Control
  from 3 functions available

bema 85 Dual PowerMaster with collection container Dual, scraper unit, bema HP - high-pressure water unit and water tank in the rear

bema 85 Dual PowerMaster with main brush Ø 800 mm, steel flat wire/PPN (spiral trim)

The new sweeper bema 85 Dual PowerMaster delivers reliable performance in heavy-duty field operations

Powerful and thorough cleaning thanks to optional equipment

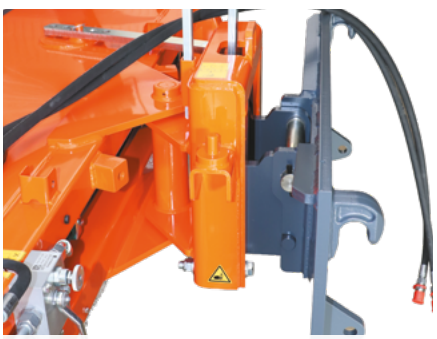
TECHNICAL DATA

Machine type	**bema 85 Dual PowerMaster**			
Working width	**2300 mm**	**2600 mm**	**2800 mm**	**3200 mm**
Drive	Hydraulic drive, powerful Gerotormotor with drive shaft Ø 32 mm, completely inside (heavy series, industrial design)			
Number of motors	1	2	2	2
Minimum hydraulic power of the carrier vehicle	50 l/min	60 l/min	70 l/min	80 l/min
Weight basic machine excl. special equipment (approx.)	625 kg	635 kg	650 kg	705 kg
Volume / weight (approx.) **collection container Dual**	585 l / 260 kg	665 l / 270 kg	715 l / 280 kg	815 l / 300 kg
Main brush Ø 800 mm	**Selectable brushes:** PPN (spiral trim), snow brush (PPN spiral segments), steel flat wire/PPN (spiral trim). toolless and stepless adjustment of the main brush via adjustment spindle.			
Brush speed	Recommended 100 to 140 rpm			
Wheels	Super-elastic wheels Ø 400 x 111 mm, cleat profiles			
Rotary side brush Ø 780 mm (optional equipment)	Hydraulic drive including bema SideControl (comfort operation, combines 3-way valve and speed controller), rotary side brushes are available for the right and/or left side. **Selectable brushes:** PPN, steel flat wire/PPN, steel flat wire			
Water spray unit (optional equipment)	240/400 litres water tank, tank filter and 12/24 volts pressure pump (direct injection of water into the main brush and rotary side brushes)			

Additional configurations upon request. Technical specifications are approximate and non-binding. Weights without options or attachments. Images may depict optional equipment at extra cost. Subject to technical changes and errors. © bema GmbH Maschinenfabrik (2026-v1)

FEATURES IN DETAIL

Premium hydroblock (available as an option)



3D compensation with swivel joint

High-load, durable wheels