



bema 75 Dual PowerMaster

FLEXIBLE AND TOUGH




Untiring performance as a result of the main brush Ø 780 mm

The bema 75 Dual PowerMaster guarantees clean results on construction sites, in mining/extraction operations, biogas plants and in other kinds of agricultural businesses. Extra large wheels with heavy cast wheel bodies and high-quality elastic/solid rubber tyres master uneven terrain effortlessly.

FEATURES

- ✓ **Sustained deployment without disruptions:**
Long service life as a result of a main brush diameter of 780 mm and a large-volume collection container.
- ✓ **Maximum protection through bema premium hydroblock:**
It contains all of the hydraulic control and safety elements such as an overpressure valve, overrun protection of the main brush, a switching valve for the collection container „Dual“ and connection options for the rotary side brushes. Furthermore a flow control valve (up to 220 l/min), a load sensing system and an additional electric 2-way valve is included.
- ✓ **Durable and high performance:**
Completely internal, maintenance-free Gerotormotors.
- ✓ **Optimum adaptation to every kind of ground:**
Super elastic solid rubber wheels Ø 360 x 85 mm (cast wheel body), 3D roller level compensation with height control indicator „bema-Meter“.
- ✓ **Flexible when deployed, thanks to the Dual system:**
Easy switching between free sweeping and collecting dirt. No changeover time required.

CARRIER VEHICLES

-  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
-  High-pressure water unit
120 bar or 50 bar
-  bema Control
from 3 functions available



bema 75 Dual PowerMaster with scraper unit instead of collection container, rotary side brush, high pressure water unit and water tank in the rear (see page 58/59)



bema 75 Dual PowerMaster with scraper unit instead of collection container (see page 58/59)



bema 75 Dual PowerMaster on telehandler, quick change adaptor



Free sweeping on a Biogas plant with the bema 75 Dual PowerMaster

TECHNICAL DATA

Machine type	bema 75 Dual PowerMaster		
Working width	2600 mm	2800 mm	3200 mm
Drive	Hydraulic drive, two powerful Gerotormotors with drive shaft Ø 32 mm, completely inside (heavy series)		
Minimum hydraulic power of the carrier vehicle	60 l/min	70 l/min	80 l/min
Weight basic machine <small>excl. special equipment (approx.)</small>	675 kg	740 kg	831 kg
Volume / weight (approx.) collection container Dual	810 l / 328 kg	870 l / 360 kg	1000 l / 404 kg
Main brush Ø 780 mm	Steel flat wire/PPN spiral segments brush, PPN or snow brush PPN, toolless and stepless adjustment of the main brush via adjustment spindle		
Brush speed	Recommended 100 to 140 rpm		
Wheels	Super-elastic solid rubber wheels Ø 360 x 85 mm with robust cast wheel centres		
Rotary side brush Ø 780 mm <small>(optional equipment)</small>	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 or steel flat wire		
Water spray unit <small>(optional equipment)</small>	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)		
Further attachments and equipment, as well as special constructions on request. Technical data and weight measurements are approximate and non-binding. Weight measurements without special equipment and attachment. Mistakes and errors reserved. © bema GmbH Maschinenfabrik (2021.10)			

FEATURES IN DETAIL



Premium hydroblock combines all units



3D roller level compensation and optional swivel joint



Sturdy wheels with cast wheel body, high pressure water unit (see page 59)