



## 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, which can be greased and are double mounted, effortlessly master uneven terrain.







### 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.
- ✓ **Reliable as a result of a central control unit:**  
The Premium Hydroblock contains all of the necessary units, e.g. an overpressure valve, protection against sweeping roller overrun, switch valve for the collection container, a connection option for the rotary side brushes, flow control valve (up to a litre capacity of 220 l/min), a load sensing safety valve and the connection option for an additional electric two-way valve.
- ✓ **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) and 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 brushes  
with bema SideControl
-  Hydraulic swivel device  
20° to the left/right
-  bema Scraper units  
without/with collection container
-  bema High-pressure water unit  
120 bar or 50 bar
-  bema Control  
from 3 functions available



bema 75 Dual PowerMaster with bema Scraper unit and High-pressure water unit



Emptying of collection container



bema 75 Dual PowerMaster on telehandler, quick change adaptor



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

## TECHNICAL DATA

<b>Maschine type</b>	<b>bema 75 Dual PowerMaster</b>		
<b>Working width</b>	<b>2600 mm</b>	<b>2800 mm</b>	<b>3200 mm</b>
<b>Drive</b>	Hydraulic drive, two powerful Gerotormotors with drive shaft Ø 32 mm (completely inside, heavy series)		
<b>Minimum hydraulic power of the carrier vehicle</b>	60 l/min	70 l/min	80 l/min
<b>Weight basic machine</b> <small>excl. special equipment (approx.)</small>	675 kg	740 kg	831 kg
<b>Volume / weight (approx.) collection container Dual</b>	810 l / 328 kg	870 l / 360 kg	1000 l / 404 kg
<b>Main brush Ø 780 mm</b>	Steel flat wire/PPN mixture brush (spiral segments), PPN or snow brush PPN		
<b>Brush speed</b>	Recommended 100 to 140 rpm		
<b>Wheels</b>	Super-elastic solid rubber wheels Ø 360 x 85 mm with robust cast wheel centres		
<b>Rotary side brushes Ø 780 mm</b> <small>(optional equipment)</small>	Hydraulic drive incl. 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		
<b>Water spray unit</b> <small>(optional equipment)</small>	240/400 l water tank, tank filter and 12/24 Volt 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 (2020.01)			

## FEATURES IN DETAIL



Premium hydroblock combines all units



Sturdy wheels with cast wheel body Ø 360 x 85 mm



With high-pressure against dirt