



bema 30 Dual PowerMaster



MASTERS EVERYDAY TASKS

Main brush Ø 640 mm with different trims

The bema 30 Dual PowerMaster guarantees best sweeping results when used in agriculture, road construction and industry. And it performs day after day. The smallest model of the PowerMaster range is also equipped with an internal motor. Thanks to a wide variety of extensive optional equipment the sweeper is extremely versatile.









FEATURES

- ✓ **Automatic adjustment:**
The 3D roller level compensation and the optional swivel joint balance effortlessly any unevenness.
- ✓ **Manages of large amounts of dirt:**
Collection container with a large volume.
- ✓ **Reliable thanks to central control and durable thanks to internal motors:**
The Hydroblock 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. The premium version including flow control valve (up to 220 l/min), a load sensing system and an additional electric 2-way valve is optionally available.
- ✓ **Flexible use, thanks to the Dual system:**
Fast and easy switching between free sweeping and collecting dirt, no changeover time required.
- ✓ **Optimally equipped for every application:**
Equipment of the sweeper according to customer requirements.

CARRIER VEHICLES

-  Wheel loader
up to 7 t
-  Telehandler
-  Yard loader
-  Unimog truck
-  Forklift
-  Tractor
front/rear

OPTIONAL EQUIPMENT

-  Water spray unit
main brush, rotary side brushes
-  Rotary side brush
with bema SideControl
-  Mechanical drive
incl. drive shaft
-  Hydraulic lateral movement
500 mm to the left/right
-  Hydraulic swivel device
20° to the left/right
-  Scraper unit
without collection container
-  High-pressure water unit
120 bar or 50 bar
-  bema Control
from 3 functions available



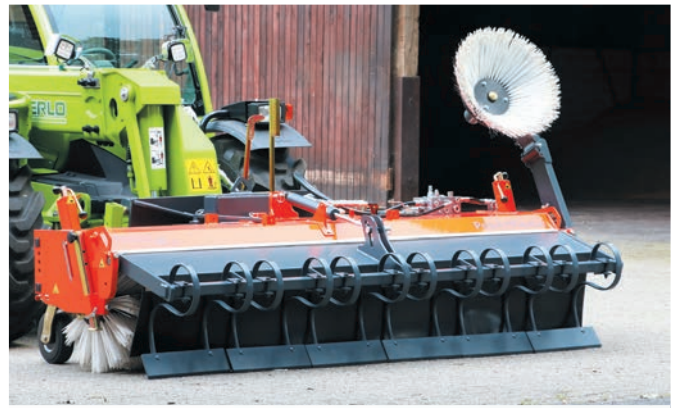
bema 30 Dual PowerMaster attached on Unimog with rotary side brush and hydraulic lateral movement (500 mm to the left/right)



bema 30 Dual PowerMaster attached on wheel loader, collection container Dual opened



bema 30 Dual PowerMaster without collection container (free sweeping)



bema 30 Dual PowerMaster without collection container with bema scraper unit (see page 58/59)

TECHNICAL DATA

| | | | | |
|---|--|----------------|----------------|----------------|
| Machine type | bema 30 Dual PowerMaster | | | |
| Working width | 1850 mm | 2050 mm | 2300 mm | 2600 mm |
| Drive | Hydraulic drive, powerful Gerotormotor with drive shaft Ø 32 mm completely inside (heavy series). Optional mechanical drive incl. drive shaft | | | |
| Minimum hydraulic power of the carrier vehicle | 35 l/min | | | |
| Weight basic machine <small>excl. special equipment (approx.)</small> | 295 kg | 340 kg | 390 kg | 445 kg |
| Volume / weight (approx.) collection container Dual | 340 l / 150 kg | 380 l / 160 kg | 430 l / 165 kg | 480 l / 175 kg |
| Main brush Ø 640 mm | PPN or snow brush PPN, optional steel/PPN mixture brush, steel flat wire/PPN mixture brush. Toolless and stepless adjustment of the main brush via adjustment spindle | | | |
| Brush speed | Recommended 100 to 150 rpm | | | |
| Wheels | Super-elastic wheels Ø 250 x 80 mm (railsafe) | | | |
| Rotary side brush Ø 600 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/PPN, steel flat wire/PPN, steel flat wire, weed trim | | | |
| Water spray unit <small>(optional equipment)</small> | 200/400 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 (optional) and bema SideControl



Rotary side brush for gutters, curbstones and building borders



3D roller level compensation and optional swivel joint