



bema Titan Dual

A GIANT WHEN PUT TO USE

Main brush Ø 920 mm and a huge collection container Dual

Extreme performance, robustness and a long operating time - these are the requirements that bema Titan Dual users demand, even in the case of continuous use on large surfaces.

Rough terrain is no problem due to 3D roller level compensation with automatic tilt adjustment.

FEATURES

- ✓ **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 gerotor motors.
- ✓ **Optimum guidance on uneven ground:**
Super-elastic solid rubber wheels Ø 446 x 122 mm with reinforced rim of 4 mm and 3D roller level compensation with the height control indicator „bema-Meter“.
- ✓ **Sustained use without interruptions thanks to the collection container with above-average volume:**
Thanks to the „Dual“ system, you can switch between free sweeping and collecting dirt without changeover time.

CARRIER VEHICLES



Wheel loader
from 12 t



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



bema Control
from 3 functions available



bema Titan Dual on a wheel loader with rotary side brush and water spray unit



Emptying of the collection container



bema Titan Dual on a tractor (front attachment)



Collection container opened (free sweeping)

TECHNICAL DATA

Machine type	bema Titan Dual			
Working width	2750 mm	3000 mm	3250 mm	3500 mm
Drive	Hydraulic drive, two powerful Gerotormotors with drive shaft Ø 32 mm, completely inside (heavy series)			
Minimum hydraulic power of the carrier vehicle	80 l/min			
Volume / weight (approx.) basic machine incl. collection container Dual	1060 l / 2265 kg	1155 l / 2338 kg	1250 l / 2426 kg	1350 l / 2525 kg
Main brush Ø 920 mm	PPN BEE-LINE power brush with honeycomb brush rings (no PVC), toolless and stepless adjustment of the main brush via adjustment spindle			
Brush speed	Recommended 80 to 120 rpm			
Wheels	Super-elastic solid rubber wheels Ø 446 x 122 mm with reinforced rim (4 mm)			
Rotary side brush Ø 800 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, inclusive hydraulic device for folding up of the rotary side brush, selectable brushes: PPN, steel/PPN or steel flat wire			
Water spray unit (optional equipment)	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



Sturdy twin wheels with reinforced rim (Super-elastic solid rubber wheels Ø 446 x 122 mm)



Premium hydroblock combines all units



Sturdy mounting of the rotary side brushes