



bema Jumbo

FOR INTENSIVE USE

Cleaning with a main brush diameter of 920 mm

The huge and extremely powerful bema Jumbo masters tough conditions on the construction site, in recycling yards and surface mining/extraction operations, at airports, inland ports and seaports or in the field of snow and ice clearance. Thanks to its robust construction and particularly strong attachment, this free sweeping machine is ideally suited for use on heavy carrier vehicles.

FEATURES

- ✓ **Extremely powerful cleaning performance as a result of the PPN power brush Ø 920 mm:**
The above average brush diameter as well as the honeycomb broom rings guarantee convincing cleaning results.
- ✓ **The free sweeping version in extremely stable construction:**
An indestructible tool that gives the driver a good overview from the vehicle.
- ✓ **Optimal adaptation to the ground on uneven terrain:**
The bema Jumbo is optimally guided by the roller level compensation including a height indicator and pneumatic wheels Ø 460 x 145 mm with reinforced rim (4 mm / optional super-elastic solid rubber wheels).
- ✓ **Can be used in a variety of applications:**
The drive can either be carried out mechanically or hydraulically.
- ✓ **Secured hydraulic system:**
Flow control valve, pressure relief valve and protection against overrun.

CARRIER VEHICLES



Wheel loader
from 12 t



Tractor
front/rear

OPTIONAL EQUIPMENT



Mechanical drive
incl. drive shaft



Water spray unit
main brush



Hydraulic swivel device
20° to the left/right



bema Control
from 3 functions available



bema Jumbo on a wheel loader (quick change adaptor with roller levelling)



bema Jumbo on a tractor rear (three point linkage / rear)



bema Jumbo attached to a tractor (front)



bema Jumbo attached to a tractor (front)

TECHNICAL DATA

Machine type	bema Jumbo			
Working width	2750 mm	3000 mm	3250 mm	3500 mm
Drive	Hydraulic drive, powerful Gerotormotor with drive shaft \varnothing 32 mm, completely inside (heavy series). Optional mechanical drive incl. drive shaft (simplex chain) or reinforced mechanical drive incl. drive shaft (duplex chain, for winter service 250 rpm)			
Minimum hydraulic power of the carrier vehicle	60 l/min			
Weight basic version (approx.)	920 kg	944 kg	978 kg	1005 kg
Plus weight protective cover (approx.)	40 kg	42 kg	47 kg	49 kg
Main brush \varnothing 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	Pneumatic tyres \varnothing 460 x 145 mm with reinforced rim 4 mm, optional super-elastic solid rubber wheels \varnothing 446 x 122 mm with reinforced rim 4 mm, height-adjustable			
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)			
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



Pendulum compensation (three point linkage/rear)



Chain box (side chain drive)



Sturdy wheels \varnothing 460 x 145 mm with reinforced rim 4 mm