



bema Kommunal 580 Dual

MULTIFUNCTIONAL DEPLOYMENT

Main brush Ø 580 mm with different trims

Whether on playgrounds, sports fields, parks, leisure areas or cycle paths and pavements the bema Kommunal 580 Dual provides impressive performance with simple handling especially for municipal carrier vehicles. The sweeper is universally usable: from the cleaning of light and coarse dirt up to sweeping snow in winter service and removal of annoying weeds.

FEATURES

- ✓ **Adapted for municipal requirements:**
The compact attachment ensures optimal weight distribution close to the axis. The low mounting height guarantees a good view from the carrier vehicle. All mountings with 3D compensation.
- ✓ **Multiply deployable and optimal power transmission:**
Either hydraulic drive via a powerful Gerotormotor or mechanical drive via a drive shaft.
The incline of the drive can be adjusted, so that the position exactly matches to the carrier vehicle.
- ✓ **Maintenance-friendly in year-round use:**
Wearing parts and the main brush can be quickly replaced.
The sweeper can be used all year round thanks to the various trims.
- ✓ **Maximum flexibility:**
The collection container in Dual version enables easy switching between free sweeping and collecting dirt without changeover time.
The sweeper swivels mechanically or optionally hydraulically.

CARRIER VEHICLES



Yard loader



Municipal vehicle



Tractor
front



Compact tractor
front

OPTIONAL EQUIPMENT



Water spray unit
main brush, rotary side brushes



Rotary side brushes
with bema SideControl (left and/or right)
optional mechanical drive (right)



Hydraulic swivel device
20° to the left/right



Bio-Polymer brush
for main and rotary side brush
compostable ISO 13432



bema WKB
weed brush as main brush



NEW: bema Paddy
paddle roller as main brush



bema PowerPack
hydraulic power unit



bema Control
from 3 functions available



bema Kommunal 580 Dual with rotary side brush - ideal for kerbs, gutters and on buildings



bema Kommunal 580 Dual with protection cover (without collection container), snow brush



bema Kommunal 580 Dual with water spray unit for the main brush and the rotary side brush, water tank on top of the sweeper



Collection container in Dual system - very quick change between free sweeping and collecting dirt

TECHNICAL DATA

Machine type	bema Kommunal 580 Dual					
Working width	1250 mm	1400 mm	1550 mm	1700 mm	1850 mm	2050 mm
Drive	Your choice: mechanical drive incl. drive shaft (the incline of the drive can be adjusted) or hydraulic drive via powerful Gerotormotor with drive shaft Ø 25 mm (heavy series)					
Minimum hydraulic power of the carrier vehicle	20 l/min		25 l/min		30 l/min	35 l/min
Minimum engine power of the carrier vehicle	Compact tractors with more than approx. 30 PS					
Weight basic machine (approx.)	157 kg	162 kg	167 kg	172 kg	177 kg	181 kg
Volume / weight (approx.) collection container Dual	148 l / 66 kg	165 l / 71 kg	182 l / 76 kg	202 l / 81 kg	220 l / 86 kg	242 l / 93 kg
Main brush Ø 580 mm	Selectable brush trimmings: Bio-Polymer (compostable), PPN, snow brush (PPN spiral segments) steel/PPN, steel flat wire/PPN, bema WKB (weed brush Ø 510 mm), NEW: bema Paddy (paddle roller). Easy changing of the main brush					
Brush speed	Recommended 120 to max. 250 rpm					
Wheels	Heavy-duty wheels Ø 200 x 50 mm, optional super-elastic wheels Ø 200 x 80 mm					
Rotary side brushes Ø 600 mm (optional equipment)	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. Optional mechanical drive for rotroy side brush right. Selectable brush trimmings: Bio-Polymer (compostable), PPN, steel/PPN, steel flat wire/PPN, steel flat wire, weed trim					
Water spray unit (optional equipment)	100/200 litres water tank on top of the machine, 240 litres water tank as rear attachment, tank filter and 12 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. Misprints, errors and technical changes are reserved. © bema GmbH Maschinenfabrik (1st print run 2025)						

FEATURES IN DETAIL



Hydroblock and rotary side brush with bema SideControl



bema PowerPack with oil cooler and water tank in the rear



Mechanical drive