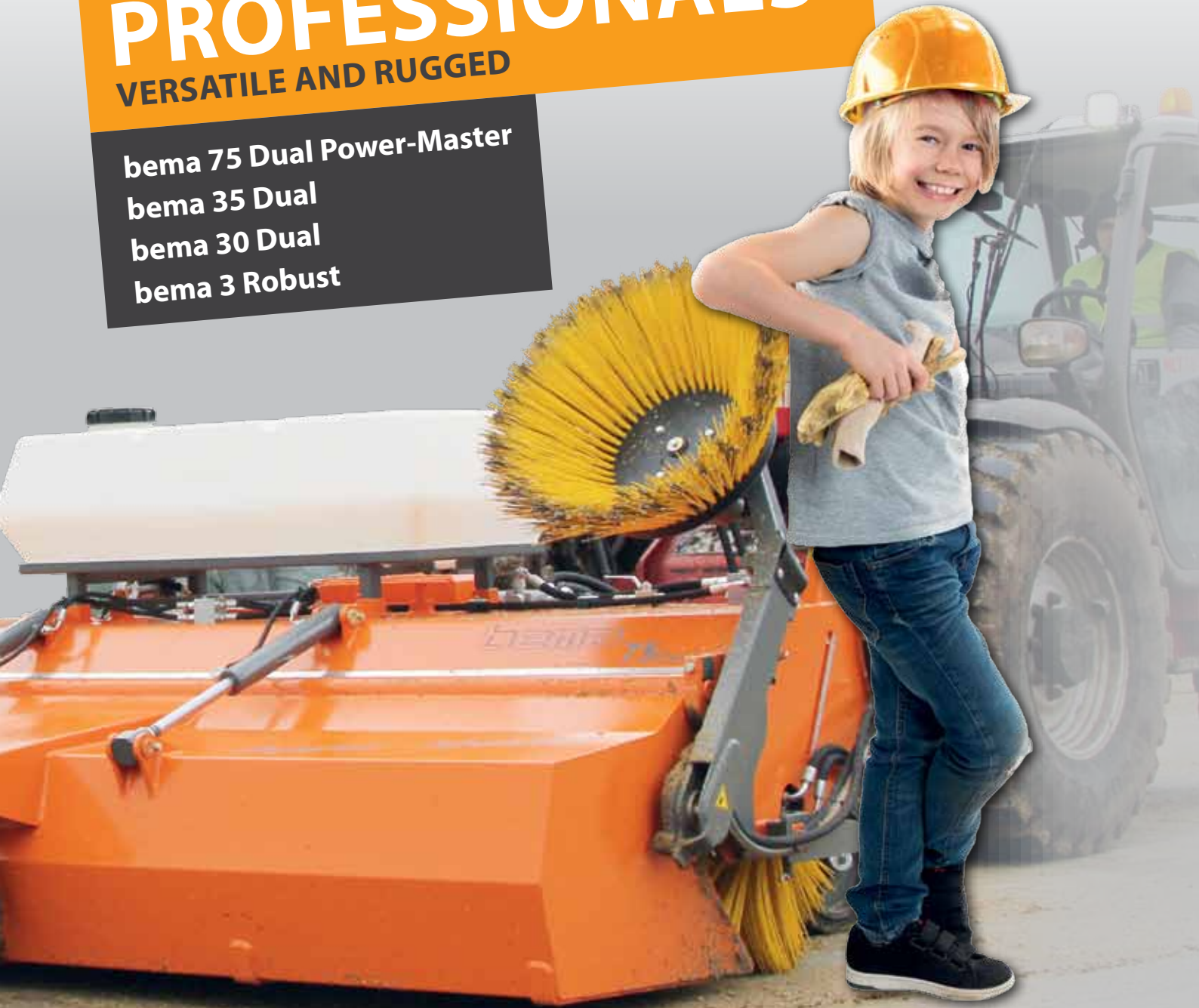


bema[®]

A clean product line.

TEAM CLEAN
PROFESSIONALS
VERSATILE AND RUGGED

bema 75 Dual Power-Master
bema 35 Dual
bema 30 Dual
bema 3 Robust



PROFESSIONALS – Features at a glance

Special features

The Dual System of bema PROFESSIONALS is designed for use with or without dirt collection. For use without dirt collection the collection container is simply hydraulically lifted out of the way.

A single double-acting control circuit controls all hydraulic units, including main brush roller, rotating side brushes and opening of the dirt collection container.

Technical details

- The hydroblock is located on the top face of the machine and contains all necessary components, i.e. pressure control valve, overrun protection for brush rollers, switch valve for collection container, and easy to maintain mounting point for rotary side brush.
- Premium Hydroblock (bema 75 Dual Power-Master) additional options include hydraulic flow control valves (up to 220 l/min), load sensing valves and electric 2 way valves to provide extra hydraulic services.
- Level adjustment enabling optimum distance to the ground.
- Compact construction is due to the gerotor motors integrated into the brush roller (bema 35 Dual and bema 75 Dual Power-Master).
- Brush roller pressure is adjustable by using a hand wheel to seamlessly adjust the brush rollers. Monitoring gauge for brush roller position.
- Minimal dust formation during sweeping through the direct injection of moisture into the main brush roller.
- Thorough cleaning of curbs and edges of buildings by using the hydraulic driven rotary side brush (sliding), which moves back to the middle of the machine after service so as to protect from damage.



bema **3** Robust

Main brush Ø 660 mm

- Free sweeping
- Gerotormotor completely integrated into the cleaning brush
- Super-Elastic wheels Ø 250 x 80 mm

The bema 3 Robust is bema's perfect remover of dirt. Gettable only in a free sweeping version, the bema 3 Robust is the best partner for the rugged employment on building sites. With an integrated motor, super-elastic wheels and the main brush with Ø 660 mm, the bema 3 Robust can attach to Wheel loaders, Unimog-Trucks, Forklifts and Tractors.



Attaches to:

- Wheel loader
- Unimog-Truck
- Forklift
- Tractor
- Special vehicle

TEAM CLEAN
PROFESSIONALS

Technical data

Machine type (= working width in mm)	bema 3 Robust 2050	bema 3 Robust 2300	bema 3 Robust 2600	bema 3 Robust 2850
Hydraulic drive	Gerotormotor (industrial quality)		2 Gerotormotors (industrial quality)	
Min. fluid throughput	40 ltr/min		60 ltr/min	80 ltr/min
Machine weight without extras	approx. 380 kg	approx. 400 kg	approx. 436 kg	approx. 456 kg
Main brush	Ø 660 mm			
Brush revolutions	recommended 100 rpm - max. 150 rpm			
Water spray system	240 ltr. water tank, tank filter and 12/24 volt pump			

bema reserves the right to change the technical data at any time.



Basic configuration

- **Main brush Ø 660 mm** spiral form serial steel/PPN; either PPN (polypropylene) or special brush for snow
- **Hydraulic drive** with powerful Gerotormotor (industrial quality) integrated into the cleaning brush; drive shaft Ø 32 mm
- **Pressure release valve** 180 bar (to protect the hydraulic system)
- **Run on system** prevents sudden stop of the heavy brush
- **Hydraulic connector** SVK size 3
- **Super-Elastic wheels Ø 250 x 80 mm** (railsafe)
- **Swivelling mechanically**
- **Parking supports** (sides) with quick locking and **loading loops** with large openings
- **Series two component painting** orange RAL 2011
- **CE certification** and operating manual

Optional extra equipment

- **Attachment to: wheel loader, unimog-truck, forklift, tractor**
- **Hydraulic swivelling** (additional double hydraulic circuit is necessary)
- **Electrical 2 way-valve** (necessary when a secondary hydraulic circuit is not present)
- **Water spray system** 240 ltr. complete with 12/24 volt pressure pump, internal filter, spray pipe with flat spray jets
- **Mechanical drive** incl. drive shaft
- **Protection plate** incl. rubber spray protector, adjustable in height
- **Flow control valve** for carrying vehicles with an hydraulic output of more than 80 ltr/min
- **Lighting system** (necessary if used on public roads)
- **Flag holder including warning flags and warning marks**
- **Hydraulic connector on demand**
- **Special paint finish**
- **Special construction** on request