

bema[®]

A clean product line.

TEAM CLEAN
MAGIC TOOL
DUST FREE INSIDE AND OUT

bema 40 Industry



MAGIC TOOL – Features at a glance

Special features

Our bema MAGIC TOOL is the perfect sweeper for indoor and outdoor applications. The sealed sweeper enclosure enables a largely dust-free working environment. The addition of a water sprinkler system adds to a further minimisation of dust formation. The spiral rotating brushes effortlessly deal with both stubborn grime as well as fine dirt.

Technical details

- Powered by powerful, low-maintenance hydraulic drive that is integrated within the brush roller.
- A single double-acting control circuit controls all hydraulic equipment, i.e. main brush roller, rotary side brush and opening of the waste container.
- Hydroblock on the top face of the unit includes all necessary control units, i.e. pressure control valve, brush roller overrun protection, switch valve for waste collection container and easy to maintain mounting point for rotary side brush.
- Thorough cleaning of curbs and edges of buildings due to the hydraulically driven rotary side brushes with automatic height and side adjustment (folding upwards, independently controlled).
- Continuously adjustable brush roller pressure through adjustment of the brush roller with a hand wheel; monitoring gauge for brush roller position.



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Main brush Ø 660 mm

- Capsulated machine casing
- Gerotormotor integrated into the cleaning brush
- Hydroblock
- Super-Elastic wheels Ø 200 x 80 mm



Attaches to:

- Forklift
- Wheel loader
- Yardloader
- Special vehicle

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MAGIC TOOL

Technical data

Machine type (= working width in mm)	bema 40 Industry 1250	bema 40 Industry 1550	bema 40 Industry 2050
Hydraulic drive	Gerotormotor (industrial quality)		
Min. fluid throughput	15 ltr/min	20 ltr/min	20 ltr/min
Collector capacity	approx. 275 ltr.	approx. 345 ltr.	approx. 450 ltr.
Machine weight without extras	approx. 460 kg	approx. 500 kg	approx. 570 kg
Main brush	Ø 660 mm		
Brush revolutions	recommended 100 rpm - max. 150 rpm		
Rotary side brush	Ø 800 mm, hydraulically powered		
Water spray system	200 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** PPN industrial segment set; infinitely adjustable
- **Hydraulic drive** with powerful Gerotormotor (industrial quality) integrated into the cleaning brush; drive shaft Ø 32 mm
- **Integrated function hydraulic module** contains the following functions: pressure release valve, main brush run on safety valve, flow switching valve for collector, connection for side brush
- **Hydraulic connector** SVK size 3
- **Hydraulic waste hopper** with a large volume and Polyurethan strip
- **Super-Elastic wheels Ø 200 x 80 mm**, 3rd support wheel Ø 250 x 80 mm (railsafe)
- **Dust protection** and **rubber bumper** all around the hopper
- **Forklift attachment** pocket size 180 x 80 mm with levelling and tool free attachment
- **Series two component painting** orange RAL 2011
- **CE certification** and operating manual

Optional extra equipment

- **Attaches to: forklift, wheel loader, yardloader**
- **Main brush Ø 600 mm steel/PPN**
- **Water spray system** 200 ltr. complete with 12/24 volt pressure pump, internal filter, spray pipe with flat spray jets
- **Hydraulic rotary side brush Ø 800 mm** -right and/or left-
- **Speed regulation for rotary side brush**
- **Water spray system for rotary side brush**
- **On-board hydraulic with combustion engine**
- **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