

bema[®]

A clean product line.

TEAM CLEAN STREET FIGHTER

CLEANLINESS, EVERY WHICH WAY

bema Kommunal 600 Dual
bema Kommunal 520 Dual
bema Kommunal 400 Dual



STREET FIGHTER – Features at a glance

Special features

The compact construction of the lighter weight bema STREET FIGHTER class makes them the optimal choice for municipal vehicles. The design emphasises an optimal weight-loading and the low height allows for an excellent visibility from the vehicle. The unit is driven either mechanically via pto drive or hydraulically with a strong gerotor motor. The STREET FIGHTERS are also suitable for winter service when they are fitted with a spiral snow brush. The Dual System makes it possible to switch between sweeping with and without dirt collection. Simply lift the collection container, and off you go!

Technical details

- Mechanical P.T.O. drive or hydraulic drive with gerotor motor.
- Drive unit integrated with the body of the street sweeper; lateral chain drive for optimal power transmission.
- 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.
- Continuously adjustable brush roller pressure and monitoring gauge for the brush roller position.
- With optional rotary side brush and water spray system ideal for municipal street sweeping service.



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Kommunal 520 Dual

Main brush Ø 520 mm

- Dual System
- Optional hydraulic or mechanical drive
- Heavy duty support wheels Ø 200 x 50 mm

This mountable sweeper was designed especially with the requirements of the municipal street and winter sweeping service in mind. The simple handling and versatile deployment options are convincing.

Attaches to:

- Compact tractor
- Skid-steer loader
- Municipal vehicle
- Special vehicle

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STREET FIGHTER

Technical data

Machine type (= working width in mm)	bema Kommunal 520 Dual 1250	bema Kommunal 520 Dual 1400	bema Kommunal 520 Dual 1550	bema Kommunal 520 Dual 1700	bema Kommunal 520 Dual 1850
Hydraulic drive	choice of mechanical (P.T.O) or hydraulic (Gerotormotor)				
Min. fluid throughput	20 ltr/min (with hydraulic drive)				
Collector capacity	approx. 130 ltr.	approx. 145 ltr.	approx. 160 ltr.	approx. 180 ltr.	approx. 190 ltr.
Machine weight without extras	approx. 160 kg	approx. 165 kg	approx. 170 kg	approx. 175 kg	approx. 180 kg
Weight of the waste hopper	approx. 55 kg	approx. 58 kg	approx. 60 kg	approx. 63 kg	approx. 65 kg
Main brush	Ø 520 mm				
Brush revolutions	recommended 100 rpm - max. 150 rpm				
Rotary side brush	Ø 560 mm, hydraulically powered				
Water spray system	100 ltr. water tank, tank filter and 12 volt pump				

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



Basic configuration

- **Attaches to:** compact tractors, small municipal vehicles
- **Main brush Ø 520 mm** either Polypropylene (PPN) or special brush for snow (PPN spiral segment brush set); infinitely adjustable
- **Drive selectable: mechanical** incl. P.T.O., **hydraulic** using a powerful Gerotormotor; drive shaft 25 mm
- **Hydraulic connector** SVK size 3
- **Heavy duty support wheels Ø 200 x 50 mm** (industrial quality)
- **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

- **Attaches to: compact tractor, skid-steer loader, municipal vehicle**
- **Hydraulic waste hopper** with wheel Ø 200 x 50 mm (industrial quality)/ Ø 200 x 80 mm (rail safe)
- **Polyurethan strip** for the collector (may be simply removed)
- **Protection plate** incl. rubber spray protector, adjustable in height
- **Hydraulic swivelling** (additional double hydraulic circuit is necessary)
- **Electrical 2 way-valve** (necessary when a secondary hydraulic circuit is not present)
- **Main brush Ø 520 mm steel/PPN**
- **Water tank** 240 ltr. (rear attachment) with 3 point attachment frame, complete with 12 volt pressure pump, internal filter
- **Water spray boom** with spray pipe and flat spray jets, complete with hose coupling
- **Water spray system** 100 ltr. for skid-steers loaders with On/Off switch (water tank on the machine)
- **Hydraulic rotary side brush Ø 560 mm -right-**
- **Hydraulic swing-up side brush**
- **Speed regulation for rotary side brush**
- **Electric ball valve for rotary side brush (On/Off)**
- **Water spray system for rotary side brush**
- **Flow control valve** for carrying vehicles with an hydraulic output of more than 80 ltr/min
- **Super-Elastic wheels Ø 200 x 80 mm (rail safe)**
- **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