

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 600 Dual

Main brush Ø 600 mm

- Optional hydraulic or mechanical drive
- Dual System
- Super-Elastic wheels Ø 200 x 80 mm

Due to its compact construction and optimal weight distribution with low centre-of-mass, the bema Kommunal 600 Dual is the best choice for mounting on municipal vehicles. The XL-sized brush roller (Ø 600 mm) and the wide opening waste collection container allow for a swift sweeping operation.



Attaches to:

- Wheel loader
- Municipal vehicle
- Tractor
- Special vehicle

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STREET FIGHTER

Technical data

Machine type (= working width in mm)	bema Kommunal 600 Dual 1550	bema Kommunal 600 Dual 1850	bema Kommunal 600 Dual 2050	bema Kommunal 600 Dual 2300
Hydraulic drive	choice of mechanical (P.T.O.) or hydraulic (Gerotormotor)			
Min. fluid throughput	30 ltr/min (with hydraulic drive)			
Collector capacity	approx. 250 ltr.	approx. 285 ltr.	approx. 315 ltr.	approx. 355 ltr.
Machine weight without extras	approx. 270 kg	approx. 287 kg	approx. 310 kg	approx. 322 kg
Weight of the waste hopper	approx. 120 kg	approx. 125 kg	approx. 130 kg	approx. 135 kg
Main brush	Ø 600 mm			
Brush revolutions	recommended 100 rpm - max. 150 rpm			
Rotary side brush	Ø 600 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 600 mm either PPN (Polypropylene) or Special brush for snow (PPN spiral segment brush set)
- **Infinitely variable main brush setting** according to the amount of dirt
- **Drive options:** mechanical incl. P.T.O., hydraulic using a powerful Gerotormotor,
- **Hydraulic connector** SVK size 3
- **Super-Elastic wheels** Ø 200 x 80 mm (rail safe)
- **Swivelling mechanically**
- **Loading loops** with large openings
- **Parking supports** (sides) with quick locking
- **Series two component painting** orange RAL 2011
- **CE certification** and operating manual

Optional extra equipment

- **Quick change adaptor** with roller levelling for skid steer and yard loader (up to max. 0,6 m3 bucket capacity) - service free -
- **Tractor front linkage attachment** Euro-norm (up to max. 70 KW) quick change adaptor with roller levelling - service free -
- **Tractor mounted front power lifter** with roller levelling system, three point attachment or quick attach triangle mode Kat I/II - service free -
- **Unimog-Truck lift attachment** for universal winter service plate
- **Hydraulic waste hopper** with wheel Ø 200 x 80 mm
- **Polyurethan strip** for the collector (may be simply removed)
- **Rubber spray protector** can be folded up (necessary if no hopper is attached)
- **Electrical 2 way valve** (necessary when a secondary hydr. circuit is not present)
- **Hydraulic swivelling** (double hydraulic circuit is necessary)
- **Cleaning brush** Ø 600 mm steel/PPN mixture
- **Water spray system** (less spray pipe) 240 ltr. complete with 12 volt pressure pump, internal filter
- **Water spray boom** with spray boom and flat spray jets, complete with hoses coupling
- **Water spray system c/w spray boom**, 200 ltr. (integral on the machine) incl. On/Off
- **Hydraulic rotary side brush** Ø 600 mm
- **Water spray system for rotary side brush**
- **Lighting system** (necessary if used on public roads)
- **Flag holder including warning flags and warning marks**
- **Special paint finish**
- **Special construction** on request