

# 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**

- Optional hydraulic or mechanical drive
- Dual System
- 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. 150 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 12/24 volt pump				

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



### Basic configuration

- **Attachment 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 variable main brush settings** according to the amount of dirt
- **Drive selectable:** mechanical incl. P.T.O., hydraulic using a powerful Gerotormotor
- **Hydraulic connector** SVK size 3
- **Heavy duty support wheels** Ø 200 x 50 mm (industrial quality)
- **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

- **Attachment systems** for yard and wheel loaders up 0,4 m<sup>3</sup> bucket capacity
- **Hydraulic waste hopper** with wheel Ø 200 x 50 mm
- **Polyurethan strip** sits in the collector (may be simply removed)
- **Rubber spray protector** (recommended for front use)
- **Hydraulic swivelling** (double hydraulic circuit is necessary)
- **Electrical 2 way valve** (necessary when a secondary hydraulic circuit is not present)
- **Cleaning brush** Ø 520 mm steel/PPN mixture
- **Water spray system 240 ltr.** complete with 12 volt pressure pump, internal filter, spray pipe with flat spray jets
- **Water spray system 100 ltr.**, internal filter and electric pressure pump (12 volt), spray jet pipe and flat spray jets
- **Hydraulic rotary side brush** Ø 560 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