



## Main brushes & plate brushes

### MULTIFUNCTIONAL USE

#### The right brush for every application

The sweeping result and the lifetime are influenced by the choice of the right brush. For this purpose, bema offers you one of the largest selection of main brushes, as well as plate and rotary side brushes. Our large warehouse guarantees you a quick supply. The different materials and bristle arrangements are always matched to the respective application.

In addition, the brushes can be easily changed. This allows you to use your bema sweeper all year round. From cleaning minor soiling and removing coarse dirt to winter service and environmentally friendly weed removal.

### OVERVIEW OF BRUSH TYPES

	Rotary side brush	Main brush	Applications	Benefits	Comments
PPN full brush	✓	✓	Universally applicable for minor soiling like dust, sand, grit etc.	Good cleaning performance, can be used in stables	Conditionally suitable for coarse dirt
PPN spiral mixed brush Industrial brush of bema 40 Industry	✓	✓	Fine dust, smooth floor coverings, internal cleaning	A high centrifugal effect, good self-cleaning properties	Conditionally suitable for external cleaning
Snow brush (PPN)		✓	Snow and leaves, universally applicable for minor soiling	High centrifugal effect, optimal for free sweeping	Conditionally suitable for sweeping with collection container
Steel/PPN	✓	✓	Coarse dirt	Aggressive cleaning performance	Unsuitable for fine dirt, not suitable for animal husbandry (not usable in stables), educed skid effect
Steel flat wire/ PPN	✓	✓	Coarse and stubborn dirt	More aggressive cleaning performance	
Steel flat wire	✓		Coarse and stubborn dirt	Most aggressive cleaning performance	
Weed	✓	✓	Removal of weed	Harder cleaning performance in the case of weeds	
Other brush versions and brush trims on request. PPN = polypropylene (no PVC) / particularly wear-resistant and robust plastic					



## bema Weed brush

### EFFECTIVE THROUGH AREA EFFICIENCY

#### Equipping sweepers for weed removal

The combination of sweeper and the bema Weed brush makes a second work step superfluous, as the weeds can be picked up directly by the optional collection container.

The drive is mechanical. A hydraulic drive is also possible under suitable conditions. The working width is between 1250 and 2300 mm depending on the model. In this way large areas are quickly and thoroughly cleared of weeds, moss and the like. The additional equipment of the sweeper with a rotary side brush with weed trim sweeps up weeds growing in gutters and on curbs.

#### OPTIONAL EQUIPMENT



##### **bema 25 / bema 25 Dual**

Ø 560 mm steel flat wire  
retrofittable main brush



##### **bema 20 / bema 20 Dual**

Ø 510 mm steel flat wire  
retrofittable main brush



##### **bema Kommunal 580 Dual**

Ø 560/510 mm steel flat wire  
retrofittable main brush

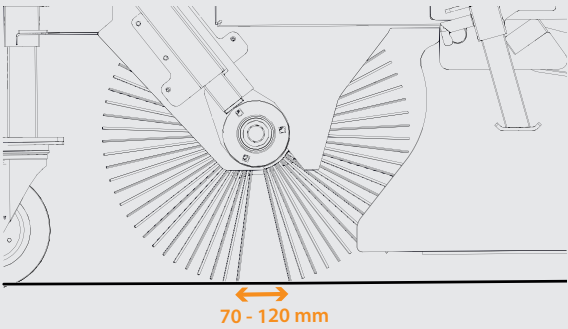


##### **bema Kommunal 450 Dual**

Ø 400 mm steel flat wire  
retrofittable main brush

### OPTIMAL SWEEPING RESULTS

The lifetime of the brushes are influenced by many factors, such as the intensity of use, the surface to be swept, the degree of soiling and the contact pressure.



To get a perfect result, the operator has to pay attention to the correct brush speed and to the correct sweeping pattern (contact pressure of the main brush). If the pressure is too high, the sweeping result will be much worse and the bristles will wear out.

**Depending on the main brush diameter the sweeping pattern should be approx. 70 bis 120 mm. In general, the larger the main brush diameter, the larger is also the sweeping pattern.**

### BRUSHES IN DETAIL



Honeycomb brush rings (bema Jumbo, bema Titan)



Steel flat wire/PPN



Snow brush PPN (spiral trim)