

# A clear plus factor!

## TUCHEL-SWEEP

PLUS 590

For tractors,  
yard loaders,  
communal vehicles  
& fork-lifts



**TUCHEL**  
MASCHINENBAU GmbH

# ...meeting any requirements.

This popular all-rounder really meets any requirements. Thanks to its variety of attachment systems and working widths the multi-purpose **PLUS 590** will be almost appropriate for all types of carrier-vehicles. The broom of the **PLUS 590** has been enlarged to 590 mm and is equipped with the unique 100% PP WaveLine mixture with CrownLock system, standing for high longevity and excellent sweeping results. The comfortable and easy approved broom adjusting-lever system guarantees optimal bottom guidance and the brand-new overrun control of the broom serves as a protection for the high-quality hydraulic components. Moreover, the entire series come with brand-named wheels  $\varnothing$  250 x 50 mm and parking stands. On demand, the **PLUS 590** can be equipped with a dirt collector incl. hydraulic emptying (standard). Standard equipment likewise includes a sophisticated broom positioning that assures an even distance between broom and dirt collector in order to always achieve the best possible sweeping-angle. The "simple sweeping" function has been entirely re-engineered, so as to enable the user to either work with the dirt collector or to use the **PLUS 590** for simple-sweeping without having to dismount the hopper.

## Options

- Large hopper incl. PU-lip
- High-fill flap to increase fill capacity of hopper (+ 30% approx.)
- 3rd support-wheel for a regular bottom guidance
- Joint bearing (for three-point linkage / load relieving of 3rd wheel)
- Water-spray system to reduce dust, incl. 100 / 200 l tank and intermitting water-pump
- Levelling for a regular bottom guidance
- Hydraulic side brush for corner sweeping (water-spray system on option)
- Internal hydraulic motor (protected against damage)
- Oil flow controller > 90 liters
- Hydraulic angling (1 additional double-acting hydraulic drive circuit required)
- Reinforced wheels  $\varnothing$  250 x 80 mm for hard work
- Road traffic equipment (prescribed to drive on public roads)

Technical data		135	150	180
Working width (straight/angled)	cm	135/ 127	150/ 141	180/ 169
Brush $\varnothing$	mm	590	590	590
Total width incl. motor* (external/internal)	cm	168/ 156	183/ 171	213/ 201
Required oil flow (for 160 bar)	l/min.	30	30	30
Weight simple sweeping	kg	264	274	294
Weight incl. hopper*	kg	329	344	373
Fill capacity	l	166	184	220

Technical data		200	230	260
Working width (straight/angled)	cm	200/ 188	230/ 216	260/ 244
Brush $\varnothing$	mm	590	590	590
Total width incl. motor (external/internal)	cm	233/ 221	263/ 251	293/ 281
Required oil flow (for 160 bar)	l/min.	40	40	50
Weight simple sweeping*	kg	308	329	353
Weight incl. hopper*	kg	398	429	462
Fill capacity	l	244	280	315

\* incl. yard loader hitch-system or three-point linkage

Measurements and weights are approx. and non-binding.

## Hitch systems

- Three-point linkage for tractors
- A-frame, height adjustable incl. pendulum adapter
- Yard loader / Front loader attachment incl. parallelogram and pendulum compensation incl. height indicator
- Fork-tine attachment incl. parallelogram and height indicator
- Attachment system for communal vehicles incl. pendulum adapter
- Quick-hitch system for wheel loaders, incl. 3-D levelling and height indicator (up to 0,5m<sup>3</sup> bucket capacity)
- Attachment plate for Unimog DIN 76060, size 3 and 5, incl. lifting cylinder, levelling and pendulum compensation



Side brush



Yard loader / Front loader attachment incl. parallelogram and pendulum compensation incl. height indicator



New levelling

