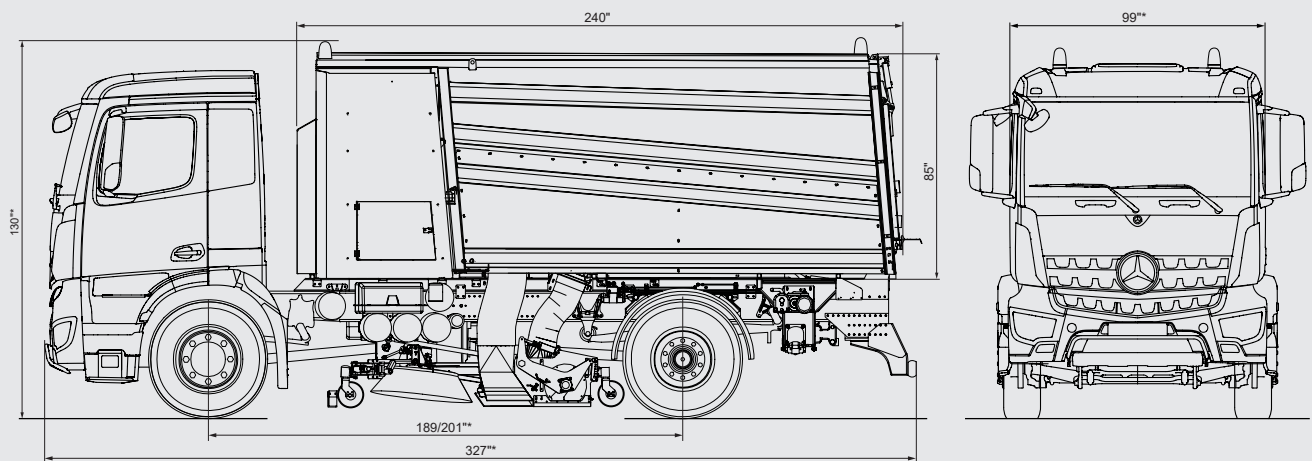


Bucher MaxPowa V95t aero



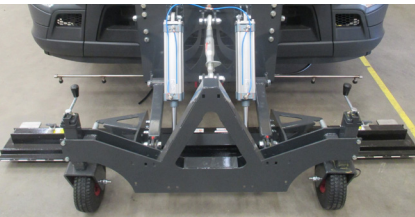
Dimensions	
Length*	327"
Width*	99"
Height *	130"
Wheelbase (E3/5 chassis)*	189" nominal
Wheelbase (E6 chassis)*	201" nominal
Weight (empty)*	31,747 lbs
Noise level cab	
<75 dB(A) *	

Sweep gear and sweep speed	
Swept width (no side brooms)	99"
Swept width (with side brooms)	134"
Sweep speed (no side brooms)	25 mph
Sweep speed (with side brooms)	10 mph
Chassis	
GVM	Chassis dependent
Axle config	4x2
Diesel fuel tank	
Capacity (shared sweeper & chassis)*	76 gallons

Auxiliary engine	
Mercedes Benz OM 906LA	Stage 3a**
Cylinders	6
Displacement	6400 cc
Gross Power	205 kW @ 1950 rpm
Torque	1150 Nm @ 1200 rpm
Max torque	440 Nm @ 1300 rpm
Optional Auxiliary Engine	
Mercedes Benz OM 936LA	Stage 5
Cylinders	6
Displacement	7700 cc
Gross Power	210kW @ 1950 rpm
Torque	1200 Nm @ 1200 rpm

* Dependent on chassis and/or option selected
** Not for EU

Features



Magnet
Optional front or rear mounted permanent magnet bar fitted with hinged aluminum protection cover to enable easy cleaning and removal of ferrous material.



HMI Centre console
CAN bus enabled sweeper controls and information display integrated into an easy to navigate console which can be adjusted to suit the operators preferred position.



Rear Mounted Wanderhose
The powerful vacuum performance makes easy work of cleaning catch basins in confined areas that the sweepgear can't reach.

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Controls

Center cab mounted master control panel providing information on a wide range of sweeper functions. This CANbus control unit is designed to be intuitive and simple to use and also provides the operator with key warnings as necessary.

Exhauster fan

Operational speed	Max 3250 rpm
Airflow	Max 680yd ³ /min

The fan is mounted transversely behind the auxiliary engine.

Channel brushes (opt.)

Two slewable side brush units can be selected. Dependent upon the desired working width, they can be activated independently via the in cab master control panel.

Channel brush diameter	35"
Channel brush speed	90-120 rpm

Side blast nozzles

Side blast nozzles are fitted to both sides of the machine. They remove water, snow or detritus lying on the runway and taxiways. Control is via the in cab master control panel.

Electrical system

24 volt.

Pick-up unit

Located between the chassis axles, the unit picks up debris and liquid across the full width of the sweeper. V-formation channels direct debris under the primary suction nozzles for collection of larger FOD (foreign object debris). The primary suction nozzles are followed by a set of full width suction nozzles complete with a full width brush behind that picks up the finer debris.

The wide sweep brush operational speed and ground pressure is adjustable. The brush can be lifted altogether for applications such as glycol recovery where it is not required. In order to protect the machines the pickup unit lifts automatically when speed exceeds 25 mph.

Central broom length	91"
Central broom diameter	16"

Dust suppression system

Dust suppression sprays are located in front of the pickup device, in the suction nozzles, at the channel brushes (where fitted) and across the front of the vehicle. The Pressadrain water purging system is provided as standard to protect the system in cold weather. Dust suppression water pump..... 8 gpm

Dust suppression water pump	58 psi
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Hopper

The hopper is a heavy duty fabrication construction complete with a stainless floor. The body prop is engaged automatically and remotely disengaged hydraulically.

Hopper voided volume	12.5 yd ³
Hopper tilt angle	50 degrees

Water system

Water capacity	396 gal (std)
Additional rear tanks	+132 gal (opt)
Additional tank behind cab	+528 gal (opt)
Water capacity (Max total)	1,056 gal (opt)

Options

- Channel brushes left and right, mounted and stowed behind the front axle, 35", incl. adjustment of ground pressure
- Stainless steel hopper. 1.4003
- High pressure equipment: 4 gal/min @ 2,175 psi or 28 gal/min @ 2,900 psi c/w hand lance and auto retract hose reel. Spray bar and jet options are also available
- Magnet - Front or Rear mounted
- Wanderhose, rear mounted with suction hose, 7.88"

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The 5 Things
You **MUST** Know
BEFORE Buying a
Street Sweeper

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