

Bucher MaxPowa V95t aero

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

| | |
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| Dust suppression water pump | 58 psi |
|-----------------------------|--------|

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 |

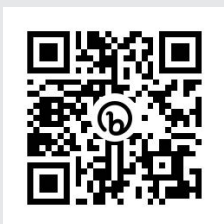
Water system

| | |
|----------------------------|-----------------|
| 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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