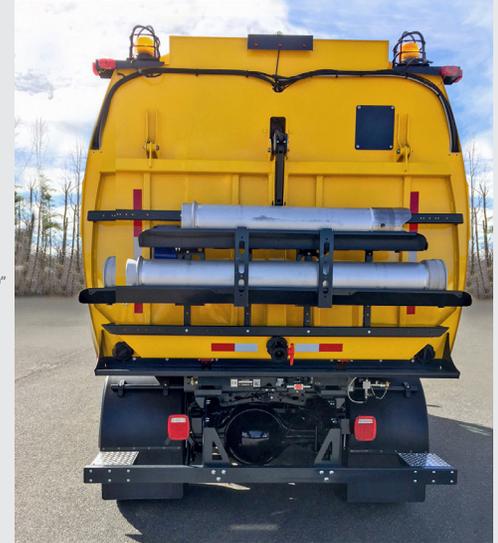


# V80

# BUCHER municipal



144"  
w/boom

130"

113" CA

178" WB

277"

97"

### Dimensions

Length (cowl and hopper)	160" (4085 mm)
Width*	97" (2470 mm)
Height*	143" (3630 mm)
Wheelbase*	126 - 134" (3200 - 3400 mm) nominal
Sweeping path of suction nozzle and channel brush	51" (1300 mm)
Sweeping path with roller brush	94" (2400 mm)
Sweeping path for double-sided pick up	141" (3600 mm)

\* Dependent on chassis and/or option selected

\*\* Not for EU. 24v only

### Noise level cab

<75 dB(A) generally (dependent on chassis)

### Alternative drives

Semi-hydrostatic	V80m
Hydrostatic	V80h

### Chassis

GVM	GVM 16 - 18 tons
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### Diesel fuel tank

Capacity (up to 50 gallons -190 l with Stage 3a) 45 gallons (170 l)

### V80t engine

Standard:	JCB Ecomax 480 NRMM Stage 5
Gross power	130 HP
Max torque	406 lb/ft @ 1500 rpm
Option:	JCB Dieselmex 444 NRMM Stage 3a**
Gross power	114 HP
Max torque	325 lb/ft @ 1300 rpm



### Quad Camera

for off-side road view providing additional vision for potential blind spots.



### HMI Center console

featuring cup holders and USB charging points can be adjusted to suit the operators preferred position.



### Body prop

highly visible and self-engaging provides the operator and service personnel with a safe working environment.

# V80

## Controls

Centre cab mounted master control panel with JVM providing information on a wide range of sweeper functions plus data capture download. Up to four optional cameras can also be viewed on the JVM screen. Separate palm rest controller housing controls for the main sweeping functions is mounted on the door side.

## Exhauster fan

Operational speed variable between 1800 rpm - 3500 rpm to suit operation.  
V80t: Step-up gearbox ratio: 1.79:1

## Channel brush

Quick release brush system with infinitely variable speed up to 160 rpm (cab controlled). Hi-visibility yellow brush plate and hose guide

## Nozzle

Cast aluminum nozzle with 9.84" (250 mm) diameter inlet and tool free adjustment.

## Dust suppression system

Dust suppression sprays located at suction nozzle(s), channel brush(es) and across front of vehicle.

Pressadrain water purging system.  
EUnited PM10 4\* Certified.

## Electrical system

24 volt.  
All external loom connections are full automotive IP67 rated.

## Exterior noise / Sound power level

LWA 112 dB(A) for high power engines measured in accordance with EC directive 2000/14/EC.

## Hopper

Body comprises of hopper & integral water tank. Fabricated from heavy duty stainless steel plate.

Water tight twin lock rear door latching system with de-watering function. Two body side access doors and side storage lockers.

Plug in hopper floor as transfer port for use as Streetwasher.

Rear discharge chute, automatic multi position body prop, twin caged rear beacons and LED worklights are standard features.

Hopper voided volume \*\*\*  
10.46 yd3 (8.0 m<sup>3</sup>)

Discharge angle 56° nominal

Door opening angle 125° nominal

## Water tank

Water tank incorporates anti-surge baffles and filled via a type 'A' water hydrant fill. A twin diaphragm pump runs continuously and is able to run dry.

Water capacity 529 gallons (2005 l)

## Cowl

Smoothflow cowl lined with frequency matched soundproofing material

## Brushes

Wide sweep brush Ø 16" (406 mm)

Width of wide sweep brush 50" (1275 mm)

Width of suction nozzle 30" (750 mm)

Channel brush 25" (650 mm)

## Options

- Camera monitoring systems.
- Littasnatch.
- Microtrap dust suppression system.
- Powathrust/Powasave.
- Pneumatic mesh shakers.
- Powascrub - wide sweep brush ground pressure device.
- Supawash: high pressure washing system, 8 gallons/min @ 1450 PSI, c/w hand lance & 49 foot hose reel.
- 6" or 8" boom mounted Wanderhose with power assist option.

A range of options are available – contact us for more information.

Subject to change without notice.

\*\*\* All Bucher Municipal Hopper Capacities are measured in accordance with European Standard EN 15429.

## Scan for your free report



The 5 Things  
You Must Know  
Before Buying a  
Street Sweeper

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