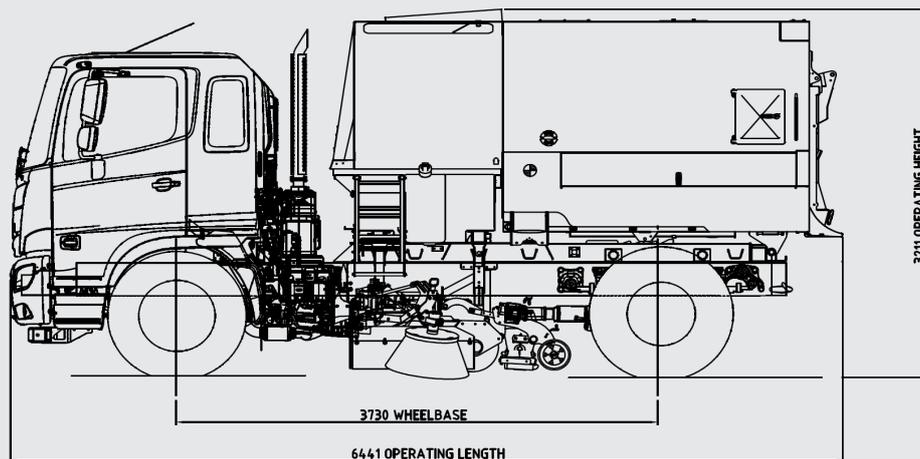


V65t



Dimensions and weight*

| | |
|-----------|----------------|
| Length | 6441 mm |
| Width | 2500 mm |
| Height | 3211 mm |
| Wheelbase | 3730 mm |
| GVM | 14000/15500 kg |
| Payload | 4300 kg |

Auxiliary engine

| | |
|-----------------|--------------------------------|
| Engine | JCB Dieselmax 444-85kw@2200rpm |
| Emission rating | Stage 3a |
| Noise rating | 93 dB(A) at one meter |
| Operating RPM | 1200-2000rpm variable |
| Fuel tank | 190l (shared with cab chassis) |

Body

| | |
|-----------------|--------------------------|
| Material* | 4mm 4003 stainless steel |
| Volume | 6.5m ³ |
| Discharge angle | 54 degrees |
| Safety | automatic body prop |
| Controls | wireless pendant |

Water system

| | |
|--------------------------------|-------------|
| Capacity | 1554l |
| Nozzle trunk water injection** | four |
| High pressure water | 100bar pump |
| High pressure hand lance | 15 m hose |
| PM rating | PM2.5/10 |

Sweeping and suction

| | |
|------------------------|---------------|
| Channel brushes | ø650 mm |
| Wide sweep brush | ø406 mm*** |
| Trunk diameter | ø250mm |
| Optimal sweeping speed | 2-16 km/h |
| Sweeping width | Up to 3600 mm |

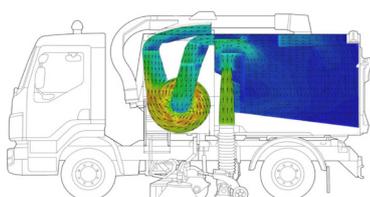
* Approx/ Chassis dependent

** Low pressure nozzles for dust suppression

*** ø340mm on 14t chassis

+ Hoper area only

V65t Engineered to last, designed to perform



Smooth Cowl

Re-designed fan, fan case and air ducting to maximise air delivery and minimise losses in the machine improving suction performance, reducing fuel consumption and noise pollution.



JVM Control

Centrally mounted 7" JVM display and clearly labeled buttons will ensure constant monitoring of the performance, water, oil and fuel levels as well as selected options. Installed on a pivoting base, the JVM screen can be viewed whilst operating from either driving position.



JCB Engine

The powerful 85kW JCB engine and mechanically connected suction fan ensures best suction performance whilst caring about the environment with EU regulated stage 3a emission rating.

V65t

Safety

Full OH&S compliance. Tailgate safety check valve & automatic body safety prop. Safety decals with clear labels around hazardous components on the machine.

Lighting

Multiple LED work lights fitted around the machine will ensure constant visibility in darker conditions. Standard LED beacons will also ensure safety of the operators and public.

Sweeping gear

V65t is equipped with two ø650mm diameter, steel curb brushes with hydraulically operated lateral extension capable of maximum sweeping width of 3600mm.

The ability of extension and retraction of the brush allows for faster and more efficient sweeping performance, especially in the tighter areas of the sweeping path. Standard brush tilt on the left hand side (and optional on the right hand side) will allow operator to position the brush for optimum sweeping performance, regardless of the surface profile.

Both curb brushes are easily operated from Bucher's ergonomic control system which controls brush rotation speed as well as pressure and brush water sprays.

Smooth Cowl

Utilising state of the art fluid modelling

and simulation tools normally found at the cutting edge of aircraft and motorsport development, the engineering team at Bucher Municipal have re-designed the fan, fan case and air ducting to maximise air delivery and minimise losses in the machine improving suction performance at the nozzles, reducing fuel consumption and noise.

With the introduction of Smoothflow Air Technology the control system and operating modes have been re-configured to maximise efficiency and fuel consumption benefits.

High pressure jet lance

Equipped as standard, V65t comes with high pressure pump rated at 100bar and high pressure jet lance with 15m retractable hose reel.

Wireless body control

Supplied as standard, the wireless body controller allows the operator to tip the load out of harm's way, 360 degree and up to 5 meters away from the sweeper. Tip controls include tailgate operation, body raising and lowering as well as stowing the safety prop. This ensures safety of the operator and surroundings by having a constant view on the vehicle, from any angle and without any physical involvement from the operator.

Body

6.5m³ hopper fabricated from 4mm 4003

stainless steel. Access doors fitted on both sides with a safety grab handle and step to al-low for screen and body load inspection.

Chassis availability

Bucher V65t is available on Hino and Isuzu cab chassis.

Control system

The ergonomic in-cab controls and centrally mounted 7"CANBus screen allowing data capture, on-board diagnostics and in cab daily checks incorporate an audible and visual warning for sweeper fuel gauge, engine hour meter, tachometer and a low level water indicator as standard. Mounted on a pivoting base, the 7" screen can be viewed from either driving position.

Standard options

- Work light: LED lamps on engine bay, brushes and reverse search lamps
- Front and rear LED beacon light
- Rotatilt function on left hand channel brush
- High pressure jet lance with high pressure and low pressure water function
- 12 months / 2500 hours warranty

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

Subject to change without notice.



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