



The New VT Range

VT605

VT650



Johnston - The benchmark for sweeper quality

48

HOUR

USA AND CANADA
PARTS SHIPMENT

30

THOUSAND

PARTS IN STOCK
WORLDWIDE

200

STRONG

WORLDWIDE
CUSTOMER SERVICE
NETWORK

Johnston is the world's leading manufacturer of outdoor surface cleaning equipment. We are unique among sweeper manufacturers in that our comprehensive range of machines means we are able to offer the right product for your application—whatever you are trying to clean.

The Johnston VT605/VT650 are designed to deliver industry-leading sweeping technology:

- Ease of use
- Outstanding performance
- Reliability, durability
- The lowest possible cost of ownership

With durable, rugged construction, high performance suction and a design that meets all international safety and environmental standards, the VT605/VT650 sets the global benchmark for truck-mounted sweeper quality.

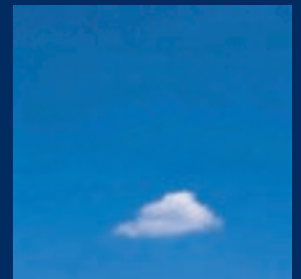
Higher standards

The quality of our twin-engine VT605/VT650 is matched only by the high standard of our premium quality after sales support. You can always be sure that your VT605 or VT650 Sweeper will continue to provide maximum performance and productivity.

Lower costs

Add low depreciation rates and high residual values and you will see how Life Cycle costs of the Johnston VT605/VT650 are kept to a minimum. Johnston Sweepers' commitment to environmental issues is also a key part of our manufacturing philosophy. Recycling, energy efficient processes and a "Green Supplier" policy reduce waste and contribute to a cleaner workplace that is kinder to the environment.

LEFT
Johnston
*A cleaner
environment for
everyone*





VT605/VT650

Maximum performance

The new Johnston VT605/VT650 are designed to meet the requirements of the most demanding municipal and contractor applications. And with a full product range available worldwide, you are assured of the right product for your needs. Johnston sweepers can be mounted onto an assortment of commercially available truck chassis.

Equally at home on municipal street cleaning or heavier duty work sites, our VT605/VT650 delivers consistently high pick-up performance—even in contractor applications such as road resurfacing and dirt pick-up around construction sites and access roads.

Optimum durability

Compact and efficient, the sweep gear is designed for maximum performance and protection from damage. Add a comprehensive range of optional equipment, and you have a versatile product ideal for a variety of sweeping applications.

Major components are built for reliability and durability:

- Aluminum oxide bead blasted
- Corrosion resistant primer
- Two-part epoxy paint finish

Sweepgear is zinc phosphated and powder coated to resist the equivalent of a 1000-hour salt spray test.

BELOW
Available in dual or single sweep configuration, with the option of a 144" swept path which ensures superb coverage per hour - and with high capacity hoppers, water systems and fuel tanks, the VT605/VT650 is designed to stay at work longer.





ABOVE LEFT
Stainless steel hopper
resists corrosion

ABOVE
Alleys are no match
for the VT605/VT650
suction performance

VT605/VT650 Features and benefits

Johnston is the most widely sold vacuum sweeper in the world, offering industry leading performance, advanced efficiency, top-quality features and unequalled reliability. Only Johnston delivers superior fan performance in combination with low noise

The VT650 is packed with more standard features than any other vacuum sweeper on the market.

- **Greater productivity** — measured in accordance with SAE standards, Johnston VT650 can hold more debris than any other sweeper in its class.

- **8.5 cu. yd. stainless steel debris hopper**, available with the industry's best warranty:

- Ensures component longevity over the life of the equipment
- Safeguards investment against corrosion and abrasion resistance

OPPOSITE

Johnston VT Range
High performance
pick-up for construction
applications

BELOW

Rotatilt option allows
the angle of the brush
to be changed from
within the cab

BOTTOM

Quick release wide
sweep brush system



▪ **John Deere turbocharged diesel engine** certified to the latest EPA tier 2 legislation. Cleaner streets and a cleaner environment.

▪ **Sealed engine compartment** prevents dirt ingress from the sweeping brooms while assuring clean air is drawn from the top of the sweeper.

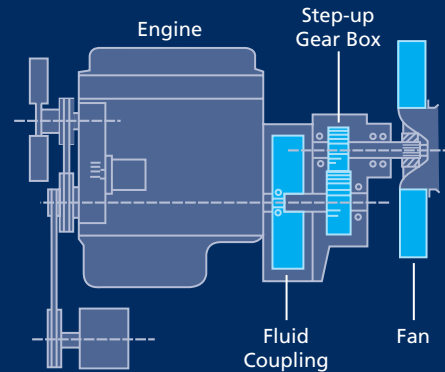
▪ **Twin side-mount hopper access doors** to facilitate bulk debris removal and easy screen cleaning from the curb side of the vehicle.

▪ **The hopper dumping system is powered off the rear engine** and comes equipped with a standard electric-over-hydraulic back-up system that allows the debris body to be emptied in the event of engine malfunction.

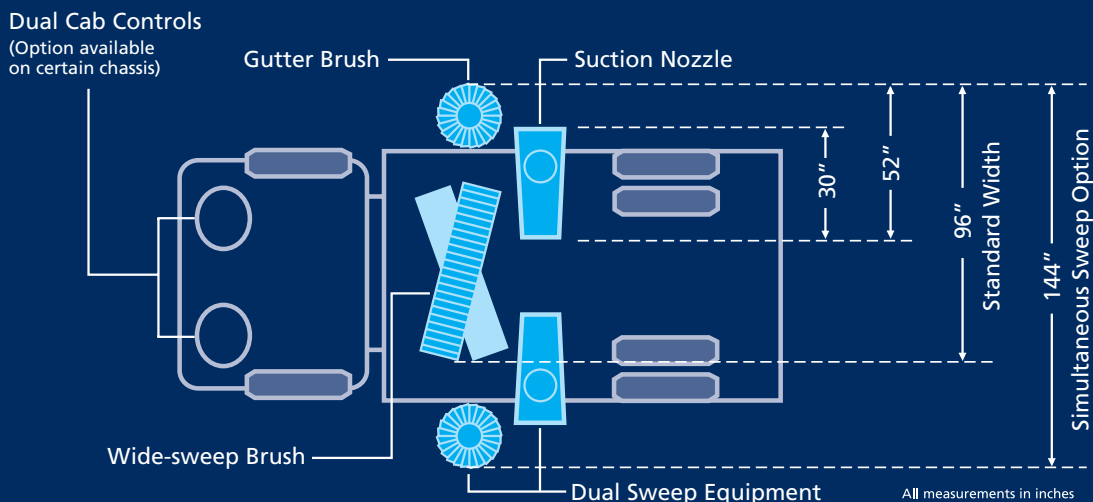
▪ **Step up gearbox fan transmission system**, available with industry's most comprehensive power train warranty: a full 5 years of protection, increases fan speed at a ratio of 1.79:1

- Results in lower fuel consumption
- Less engine wear and tear
- Lower noise levels

Step-up Gear Box



Sweeping configurations





RIGHT
Only the best
engineering and
materials make
Johnston the first
choice of cities and
sweeping contractors

- **343-gallon stainless steel water tank** that is integrated with the debris body allows unequalled access to vehicle components. The water tank is available with the most comprehensive warranty, covering not only corrosion but cracking, warping and other failures associated with plastic tanks.
- **Top mounted catch basin hose**— similar to industry leading sewer cleaners, Johnston VT sweepers mount the catch basin hose on the top of the machine. This superior mounting location permits a greater working radius, while shielding the operator from oncoming vehicle traffic. The top mount permits greater hopper loading compared to rear mounted systems.
- **Automatic body prop**, when the debris hopper is raised, prevents operators and mechanics from injury due to mishap. Sweepers incorporate master dump button that must be depressed to activate the body controls preventing unintentional lowering.
- **Air purging of water lines** from the sweeper pneumatic system prevents damage to the water system in cold weather operation.
- **Huge 190 sq. in. vacuum nozzle** devours material in its path, while an in-cab pneumatic nozzle opening feature assures even bulky material is swept off the street.

Less downtime, more availability

- **Uncomplicated design of all sweep systems and engine installation** means easy maintenance, less downtime and maximized operational availability— which all contribute to high productivity and lowest cost of ownership.
- **Straight-through suction system**— debris is conveyed in a straight line from the vacuum nozzle into the debris hopper to reduce wear and associated cost.
- **Swivel control panel** places all controls at operators' fingertips. Johnston's innovative "ergo" switch allows one-button operation to control all sweeping functions.
- **Only Johnston offers the choice of in-cab or external dump controls** as standard equipment providing the operator with a choice to adapt to inclement weather conditions.
- **Metal inlet tubes** offer greater corrosion resistance than the rubber hoses on competitor products.
- **Quick change brush replacement systems** for both the gutter brooms and main broom, simplifying maintenance and increasing productivity.
- **Centralized, weatherproof systems locker.** All sweeper control solenoids are located in a central area to reduce troubleshooting time. Quick release test ports facilitate easy troubleshooting.
- **Corrosion proof electrical connectors** to IP65/IP67 standards protect the system against water ingress.
- **All pneumatic lines are color coded** to facilitate easier troubleshooting and incorporate push-lock connectors for quick repair.



TOP
New ergonomically designed control panel

MIDDLE
Remote pendant for body and tip controls

BOTTOM
Recessed rear beacon



ABOVE
Ideally suited to a range of
operating environments

Outline Specifications

VT605/VT650

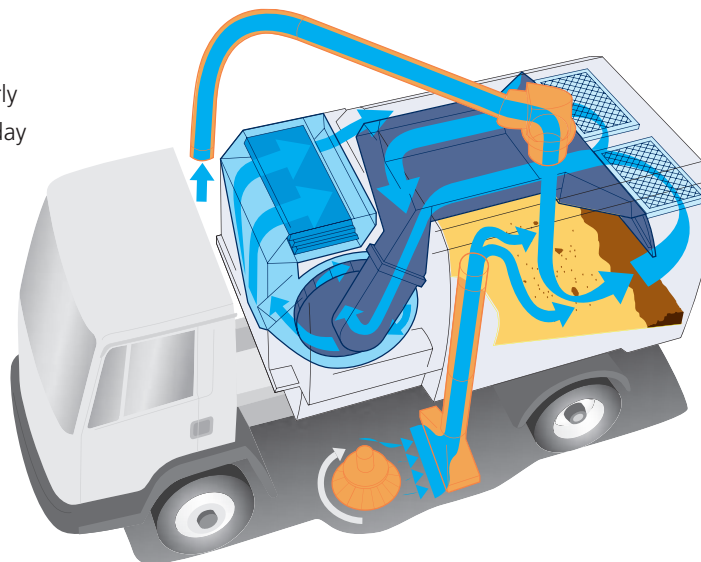
Clean water tank capacity:	343 gallons
Hopper capacity:	8.5 cu.yd.
Hopper construction:	Stainless steel
Water tank construction:	Stainless steel
Auxiliary engine:	John Deere® 4045T turbo diesel, Tier 2
Auxiliary fuel tank:	51 gallons, stainless steel
Impeller fan drive:	Beltless, fluid coupling with step-up gearbox
Swept width:	96" to 144"
Noise:	Full sound suppression package
Catch basin cleaner:	Top mounted for 360 degree operation





Environmental features

- **The VT605/VT650 comes with an optional water recirculation system** that recycles excess water from the debris hopper into the suction nozzle. Independently operated from within the cab, this system conserves water, reduces dust emission and results in greater productivity.
- **The auxiliary engine is completely encapsulated** and lined with sound absorbing material for reduced noise levels, making the machine particularly suited to urban use throughout the day and night.
- **Sound attenuator reduces fan exhaust noise**, resulting in lower sound levels for the operator and pedestrians.
- **PM-10 optional package** meets the requirements for compliance with SCAQMD Rule 1186.



MAIN
Simultaneous sweep
option for increased
cleaning capability

TOP
Front mounted full
width spray bar

BOTTOM
Single sweep
configuration



VT605/VT650 options

Litterhose

Specially developed to pick up light litter from roadsides and parks. With a lightweight, easy-to-operate flexible hose and nozzle, it can reach up to 23 feet.

High Pressure Washer

Hydraulically driven high pressure water pump enables vehicle washdown, catch basin cleaning and power washing of street furniture.

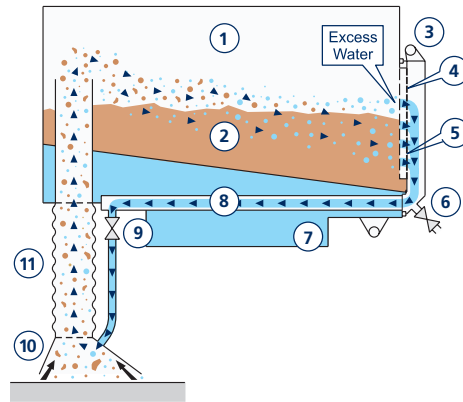
Street washer

By fully cleaning the inside of the body and removing a transfer plug between the hopper and the water tank, the new VT605/VT650 can also operate as a streetwasher. Water can also be delivered to a front-mounted full-width spray bar or suction nozzle bars to help remove stubborn road debris. The spray bar and the sweepgear can be used together for high performance cleaning.

MAIN
Top mounted catch basin cleaner design provides road side operator safety

ABOVE LEFT
Compact and maneuverable for narrow suburban streets

ABOVE
Performs in city, urban or suburban environments



Water recirculation system

- 1 Body and water tank
- 2 Payload
- 3 Rear door
- 4 Primary filter panel
- 5 Wedge wire filter panels
- 6 De-watering drain-off valve
- 7 Clean water tank
- 8 Transfer duct
- 9 Re-circulation control valve
- 10 Suction nozzle
- 11 Suction duct

Water recirculation

This significantly improves sweeping productivity. In addition to the regular tank capacity, the recirculation fill in the body increases on-station time by over 50%. Controlled from within the cab, recycling excess water from the body into the suction nozzle conserves water and reduces dust emission.

Gutter broom tilt

Permits the tilt angle of the broom to be adjusted from within the cab.

Simultaneous sweeping

This option allows dual sweep machines to deploy both gutter brushes and nozzles simultaneously, to achieve a maximum width of 144".

Multi-position gutter broom

Allows the gutter broom to be laterally controlled from within the cab.

RIGHT
Supawash system for versatile cleaning of street furniture

FAR RIGHT
Catch basin cleaning attachment

BELOW
Outstanding suction and cleaning performance



A comprehensive range of additional options is available. Please ask for details.

JOHNSTON'S COMMITMENT TO YOU

Our guarantee of service and performance continues long after the sale:

- Most comprehensive warranty in the industry
- Guaranteed 48-hours parts shipment
- State-of-art training facility

200 DEALERS ACROSS 82 COUNTRIES ARE READY TO SERVE YOU.

Our extensive network of authorized dealers are carefully selected, highly trained, and thoroughly committed to provide a level of customer service and support that is unmatched in the sweeper industry.

That's your assurance of maximum road time, low operating cost per mile, and a thoroughly satisfying, long-term relationship with your sweeper company.

Behind it all stands Johnston, the worldwide leader with a 100-year reputation for responsive service and a corporate commitment of total customer satisfaction.

Your local Johnston Dealer is:



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