



**STOCK**  
SWEEPERS

PREMIUM **REDEFINED**





# ABOUT US



## Arguably the UK's Premier Road Sweeper Manufacturer

Stock Sweepers are the only British owned and operated road sweeper manufacturer in the world. We pride ourselves on building the highest quality machines available on the market. Our mission will never be to build the most road sweepers, it will always be to build the most robust sweeper possible.

## Family Owned & Run

We take immense pride in our sweepers; we do not build cheap mass-produced vehicles. We create robust and high-end machines that provide a premium service for our customers. Though we are growing, we still work closely with our customers just as a small operation would, with regular communication and attention paid to their needs. It is the extra strength, durability and personal touch that really makes us stand out.

# OUR HISTORY

## **1998 - From Humble Beginnings**

Stock Sweepers was founded in 1998. Our family business was created to recondition and remount used road sweeping equipment onto new chassis', specifically for our own operated hire fleet. Word about our work spread fast, and quickly the business grew into the UK's premier company for remounting truck mounted sweepers.

## **2009 - Into a New Era**

10 years of dismantling and rebuilding worn sweeping equipment taught us many things about road sweepers. We learnt that there were common weaknesses found on many of the existing machines available on the market. We believed that one day we could overcome these weaknesses, and that we could build a better, longer-lasting machine with a much greater life span.

In 2009, we launched two new robust sweepers: the S6400 and S8400. Utilising the latest British road sweeping technologies available to us, and remaining focused on maximum life span, we used top quality components to make sure our machines were designed to last up to 20 years with regular care and sensible maintenance.

## **Today**

Our sweepers are now available in many different countries across North America, Asia, Australia, and Europe. We remain true to our vision, which is building quality machines that have the longest working life achievable and minimum downtime for our customers.

# WHY WE'RE DIFFERENT

## **Our Road Sweepers Are Work Tools**

Having operated our own fleet of road sweepers for years, we truly understand how important it is to have reliable machines. Maximum utilisation is at the heart of a Stock sweeper; we make sure that the operator can get the maximum work time possible from any of our machines. Robust, modern engineering ensures that our customers are road sweeping for the maximum time possible.

## **Ease of Operation - Intelligent Sweep System (ISS)**

We employ the simplest, and most reliable, operator-friendly controls to operate our machines. Technology is a fast-moving business, and we only utilise robust, well-tested systems to manage our sweepers.

## **Additional Warranties As Standard**

Our CANbus control system comes with a 5 year warranty. The control system hardware is the heart of our machines and we are so confident in its ability that it comes with a five year warranty as standard.

## **Customer Service**

A quick response matters, so we aim to provide a same-day solution to keep your business running smoothly. Someone is on hand 24 hours a day, 7 days a week.

## **Made in Britain**

Our machines are designed and manufactured in Britain. We pride ourselves on building the highest quality machines available on the market.

# DISCOVER THE RANGE



## S6400

6.4m<sup>3</sup> Hopper  
15-18 Tonnes



## S8400

8.4m<sup>3</sup> Hopper  
18 Tonnes



## S9400

CVAC

9.4m<sup>3</sup> Hopper  
18 Tonnes

Each model within our range is designed to excel in its required environment.

### S6400 - Our Most Versatile Machine

The S6400 with it's 6.4m<sup>3</sup> capacity hopper is ideally suited for council town works, construction sites and rural locations.

### S8400 - Working Harder for Longer

The S8400 with it's 8.4m<sup>3</sup> capacity hopper is ideally suited for road construction works where capacity is key. These machines can also tow road construction equipment.

### QuadVac - The Largest Machine in Our Range with Full Width Rear Suction.

The QuadVac, with it's superior rear cleaning performance and 9.4m<sup>3</sup> capacity hopper, is ideally suited for specialist cleaning requirements and airport cleaning.

# ERGONOMIC CONTROLS



## CANbus Operating System

Our sweepers equipment is activated via an operator's electronic CANbus control panel, which has been designed and installed with operator ergonomics in mind. The easy-to-use panel allows the operator to set their preferred settings, which are then activated by one-touch operation on the iSweep system, mounted near the driver's door.

## iSweep

The touch sensitive control panel is conveniently mounted near the operator's side window, helping to reduce the level of distraction to the operator to an absolute minimum. Full control simply rests at the operator's fingertips.

## Performance and Diagnostics

Our CANbus system monitors sweeping and auxiliary engine performance. It has full diagnostics to aid operators and technicians in performing routine checks, maintenance, and repairs.

# AUXILIARY ENGINE



All our machines are fitted with Stage V Turbocharged Aftercooled Electronic 4 cylinder 3.0/4.8 litre engine with maximum torque of 550Nm (406 lb-ft).

For the S6400 and S8400, there is a choice of either JCB 55kW or JCB 97kW. The QuadVac is fitted with the JCB 97kW.

## JCB 55kW (Stage V)

|                                     |                    |
|-------------------------------------|--------------------|
| Maximum Rating (Gross Intermittent) | 55kW (74hp)        |
| At Speed                            | 2200 rpm           |
| Peak Torque                         | 400 Nm (325 lb-ft) |
| Peak Torque Speed                   | 1150 rpm           |
| Maximum No Load Governed Speed      | 2450 rpm           |
| Nominal Idling Speed                | 850 rpm            |
| Thermodynamic Cycle                 | Diesel 4 Stroke    |
| Air Intake                          | TCA                |
| Arrangement                         | 3.0L               |
| Nominal Bore                        | 92mm (3.62")       |
| Stroke                              | 112mm (4.41")      |

## JCB 97kW (Stage V)

|                                     |                    |
|-------------------------------------|--------------------|
| Maximum Rating (Gross Intermittent) | 97kW (130hp)       |
| At Speed                            | 2200 rpm           |
| Peak Torque                         | 550 Nm (406 lb-ft) |
| Peak Torque Speed                   | 1500 rpm           |
| Maximum No Load Governed Speed      | 2450 rpm           |
| Nominal Idling Speed                | 850 rpm            |
| Thermodynamic Cycle                 | Diesel 4 Stroke    |
| Air Intake                          | TCA                |
| Arrangement                         | 4.8L               |
| Nominal Bore                        | 106mm (3.17")      |
| Stroke                              | 135mm (5.31")      |

# S6400 OVERVIEW



## What You Need to Know

**Truck Chassis:** 15-18 tonnes GVW

**Hopper:** 6.4m<sup>3</sup> with Twin-Discharge System (Electric and PTO Operation)

**Sweep Format:**

- Dual Side Sweep (Left and Right) with Wide Sweep 'Belly' Brush and Dual-Suction Nozzles. \*Dual-Sweep Recommended
- Single Side Sweep (Left or Right) Also Available.
- Overhead Wander Hose 4.2m Reach Available, 150mm and 200mm, Manual or Hydraulically-operated. \*150mm Recommended

**Sweep Path:** Max 3,650mm.

**Sweep Speed:** 2 to 16kph.

**CANbus Intelligent Sweep System:** Operator-friendly electronic controls.

**JCB Auxiliary Engine:** A choice of 55kW or 97kW Stage 5 engines (\*63kW & 85kW Stage 3 available territory dependent).

**Auxiliary Fuel Tank:** 149/\*160 Litres.

**Clean Water Tank:** 1850 Litres.

**Low Pressure Dust Suppression Water System:** 35 litres/min at 3.5 bar (50 PSI).

**High Pressure Wash Water System:** 30 litres/min at 150 bar (2200 PSI).

**Service intervals:** 500 hours.

## Built to Last

The mild and stainless steel components that we use are thicker than the road sweeper industry standard, to ensure the longest life span achievable. All equipment is precision fabricated, then powder-primered and coated, to give an extremely durable and high quality finish.

# S6400 BODY



## 6.4m<sup>3</sup> Capacity

Standard twin-discharge system comes with every Stock sweeper. Should the auxiliary engine PTO (power take-off) fail, our equipment has its own independent electrical discharge system for additional use, if needed.

## Body, Cowl and Rear Door - Stainless Steel

The body, cowl, and rear door are fully built with corrosion and abrasion-resistant stainless steel.

## 1850L of Clean Water

1850L as standard, with optional 250L - 4000L additional water tanks available. \*Chassis Dependant

## Double-Strength Subframe and Tipping Hinges

We know our sweepers have to be robust, and critical to the stability of the vehicle are its subframe and tipping hinges. Twice the typical steel is used, to ensure maximum stability on uneven ground.

# S8400 OVERVIEW



## What You Need to Know

**Truck Chassis:** 18 tonnes GVW

**Hopper:** 8.4m<sup>3</sup> with Twin-Discharge System (Electric and PTO Operation)

**Sweep Format:**

- Dual Side Sweep (Left and Right) with Wide Sweep 'Belly' Brush and Dual-Suction Nozzles. \*Dual-Sweep Recommended
- Single Side Sweep (Left or Right) Also Available.
- Overhead Wander Hose 4.2m Reach Available, 150mm and 200mm, Manual or Hydraulically-operated. \*150mm Recommended

**Sweep Path:** Max 3,650mm.

**Sweep Speed:** 2 to 16kph.

**CANbus Intelligent Sweep System:** Operator-friendly electronic controls.

**JCB Auxiliary Engine:** A choice of 55kW or 97kW Stage 5 engines (\*63kW & 85kW Stage 3 available territory dependent).

**Auxiliary Fuel Tank:** 149/\*160 Litres.

**Clean Water Tank:** 2350 Litres.

**Low Pressure Dust Suppression Water System:** 35 litres/min at 3.5 bar (50 PSI).

**High Pressure Wash Water System:** 30 litres/min at 150 bar (2200 PSI).

**Service intervals:** 500 hours.

## Heavy-Duty and Built to Last

The S8400 has been designed to last as long as possible, with the advantage of extended operating hours - it works harder, for longer. The mild and stainless steel components that we use are thicker than the road sweeper industry standard, to ensure the longest life span achievable. All equipment is precision fabricated, then powder-primered and coated, to give an extremely durable and quality finish.

# S8400 BODY



## 8.4m<sup>3</sup> Capacity

Standard twin-discharge system comes with every Stock Sweeper. Should the auxiliary engine P.T.O. fail, our equipment has its independent electrical discharge system for additional use, if needed.

## Body, Cowl and Rear Door - Stainless Steel

The body, cowl, and rear door are fully built with corrosion and abrasion-resistant stainless steel.

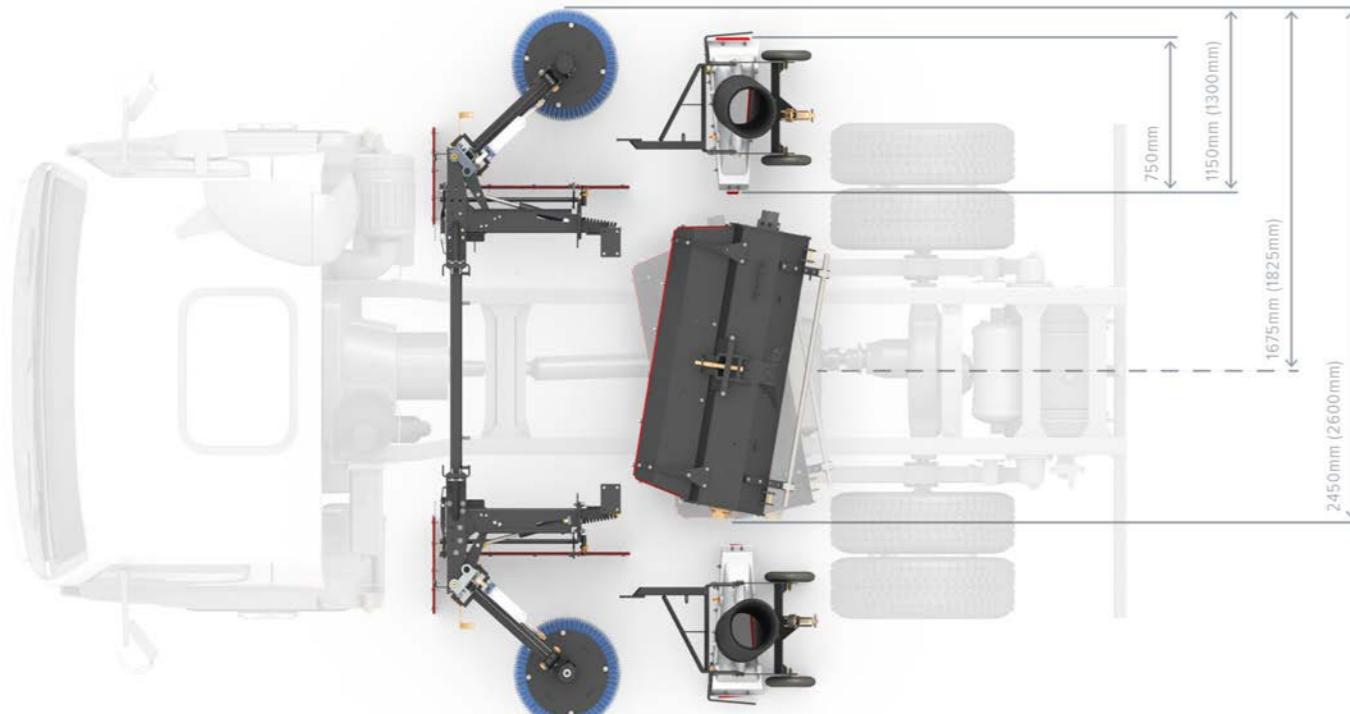
## 2350L of Clean Water

2350L as standard, with optional 250L - 4000L additional water tanks available. \*Chassis Dependant

## Double-Strength Subframe and Tipping Hinges

We know our sweepers have to be robust, and critical to the stability of the vehicle are its subframe and tipping hinges. Twice the typical steel is used, to ensure maximum stability on uneven ground.

# S6400 & S8400 SWEEP PATH



## Side Brush

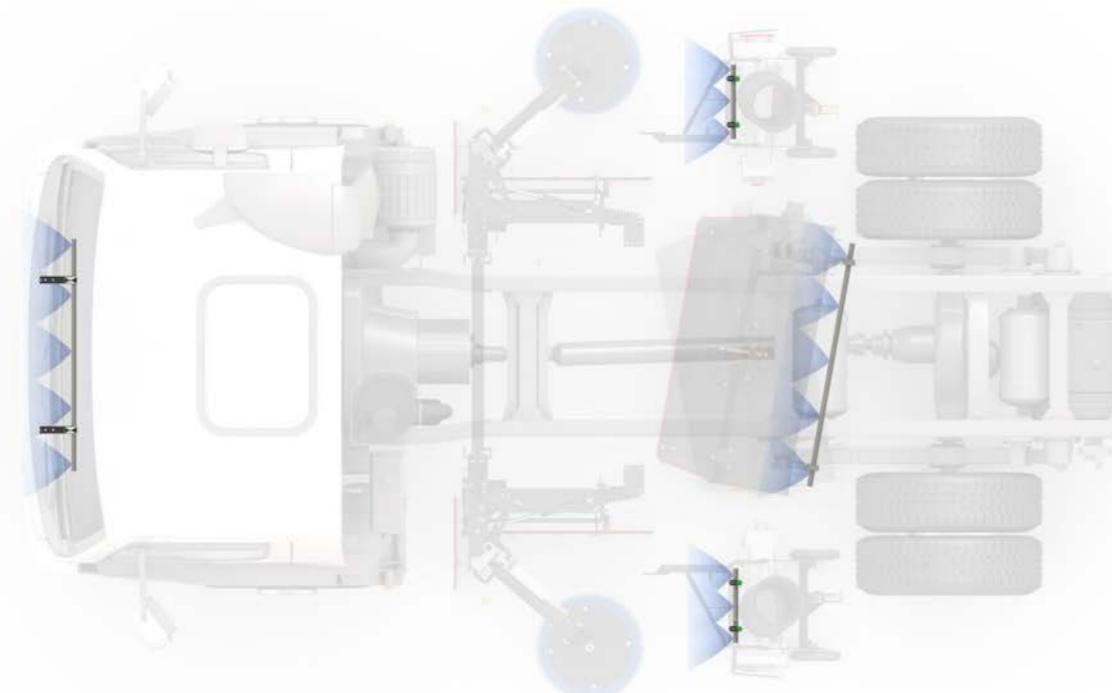
The side brush equipment is of a heavy-duty construction, and has brush speed control with 'power-down' ground pressure regulation fitted as standard. The 'power-down' feature enables the operator to scrub the road harder, to remove run-in and compacted dirt. The side brushes have fully adjustable sideways positioning and variable side brush rotation to ensure you sweep efficiently, even in awkward situations. The S6400 and S8400 have an impressive overall sweep width of 3650mm which allows them to clean many roads in a single pass. At the push of a button, the curb-top sweep function can be utilised in tight or difficult situations.

## Wide Sweep Brush

The Ø400mm x 1300mm wide sweep brush has a fully adjustable ground pressure regulation system. The system is set on four regulators (two for left-hand sweeping and two for right-hand sweeping). This enables the operator to switch from left to right-hand sweeping operations without the need to leave the cab of the vehicle and readjust the brush. Fitted with 'power-down', the wide sweep brush performs efficiently on run-in and stubborn compacted dirt. The wide sweep brush canopy and guards are robustly constructed from 4mm powder-primed and powder-coated mild steel, ensuring maximum life expectancy.

Unique to our sweepers is our one-touch left-to-right sweep control system.

## S6400 & S8400 WATER



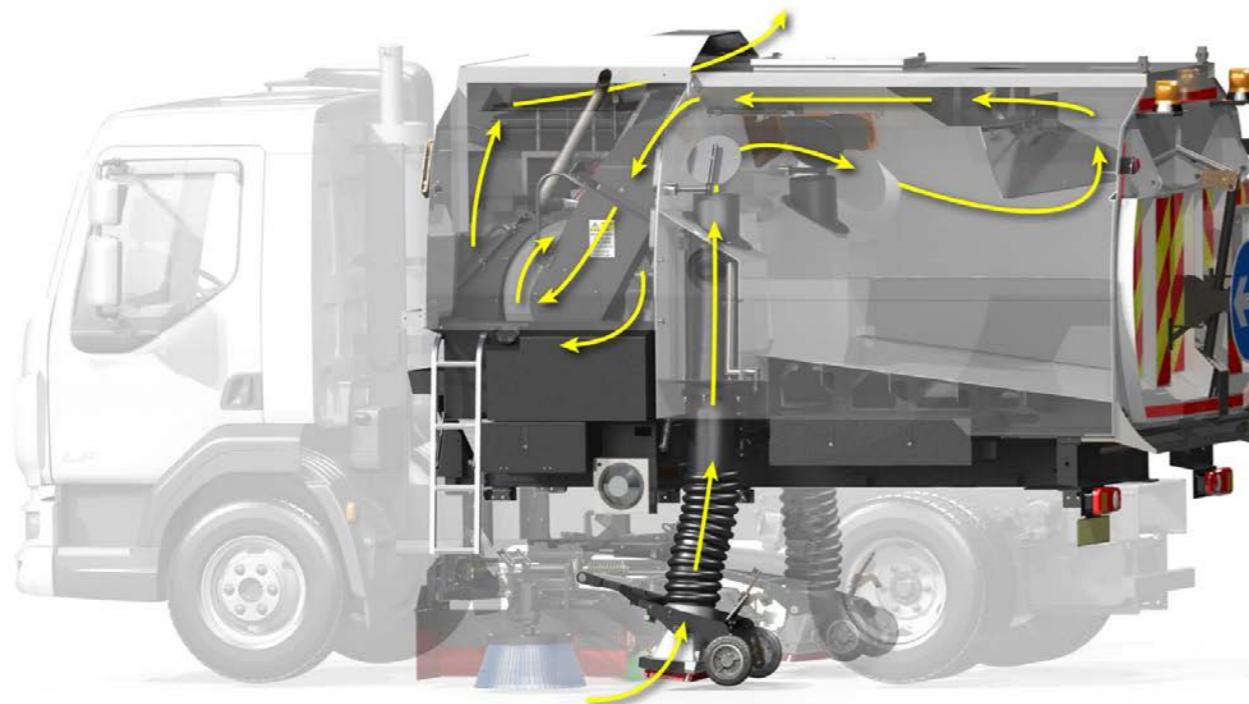
### Dust Suppression System

The self-priming, low-pressure water dust suppression pump ensures dust-free collection of all swept material. Water can be injected directly into the suction box, towards the side brush, and across the front of the vehicle. The dust suppression system delivers 35 litres/min at 3.5 bar (50 psi).

### High Pressure Wash

For more arduous cleaning, the high pressure water system incorporates a hand lance with 15 metres of hose, suction box spray bars, and a wide sweep brush spray bar all delivering water at up to 30 litres/min at 150 bar (2,200 psi) precisely where it's needed.

# S6400 & S8400 SUCTION



## Nozzle Suction

The suction boxes are constructed of cast aluminium with a 4mm moulded vulcanised wear-resistant rubber lining. Each of the two boxes can be raised or lowered, and be tilted backwards at the flick of a switch, to make the pick-up of larger material effortless.

## Overhead Suction

The overhead wander hose has a 4.2 metre reach that can be used for many operations; from cleaning catch-pits and road gullies, to picking litter and leaf collection. To ensure the Wander Hose does not become too heavy in operation, it is fitted with a counter-balancing spring system. The overhead Wander Hose can also be hydraulically operated.

## Screen Shakers 'Healthy Airflow'

Rear mesh screen shakers are another standard fitment. They enable the operator to clean the rear screens every time the rear door is opened, both screens are lowered automatically making thorough washing of the screens an easy task. This is essential to maximise the sweepers suction and will minimise unnecessary engine and equipment wear. The screens can also be operated with the rear door closed using the 'quick clean' function. This is done by unclipping the handle and pulling down sharply on the rear cables, to shake the screens free from dirt and leaf build-up.

# TEMPEST LEAF BLOWER



## Leaf Blowing System

Our patented leaf blowing system is the most effective method of removing leaves in rural/semi-rural conditions. It blows leaves off roads and footpaths into verges in one pass, by cleverly using the sweeper vacuum exhaust air, blowing it out from under the front of the chassis cab. Full electric control allows you to adjust the air jet angle to right where you need it. It reduces non-productive off-site time and has considerable fuel and environmental savings by eliminating needless journeys to landfill sites.

## Leaf Blowing System - Wander Hose

The hand blowing Wander Hose attachment reaches into corners and difficult areas where leaves cannot be blown away. The hand-held blower attachment enables the operator to blow them into the road, where they can be swept up conventionally by the sweeper.

CVAC





# QUADVAC OVERVIEW



## What You Need to Know

**Truck Chassis:** 18 tonnes GVW

**Hopper:** 9.4m<sup>3</sup> with Twin-Discharge System (Electric and PTO Operation)

### Sweep Format:

- Dual Side Sweep (Left and Right) with Wide Sweep 'Belly' Brush and Dual-Suction Nozzles. \*Dual-Sweep Recommended
- Single Side Sweep (Left or Right) Also Available.
- Overhead Wander Hose 4.2m Reach Available, 150mm and 200mm, Manual or Hydraulically-operated. \*150mm Recommended

**Sweep Path:** Max 3,650mm.

**Sweep Speed:** 2 to 16kph.

**CANbus Intelligent Sweep System:** Operator-friendly electronic controls.

**JCB Auxiliary Engine:** 97kW Stage 5 engine.

**Auxiliary Fuel Tank:** 149 Litres.

**Clean Water Tank:** 2845 Litres.

**Low Pressure Dust Suppression Water System:** 35 litres/min at 3.5 bar (50 PSI).

**Twin High Pressure Wash Water System:** 60 litres/min at 300 bar (4400 PSI).

**Service intervals:** 500 hours.

## Back-to-Black

A remarkable addition to our quality range of British manufactured road sweepers. Each and every QuadVac guarantees superior cleaning performance due to its thin aperture, full width rear suction nozzles. These rear suction nozzles follow the ground contour with high pressure water which allows for ultimate cleaning even with surface imperfections.

**9.4m<sup>3</sup> Capacity**

The QuadVac heralds the range with the largest hopper capacity available. Standard twin-discharge system comes with every Stock sweeper. Should the auxiliary engine P.T.O. fail, our equipment has its independent electrical discharge system for additional use, if needed.

**Body, Cowl and Rear Door - Stainless Steel**

As with all our models the body, cowl, and rear door are fully built with corrosion and abrasion-resistant stainless steel.

**2845L of Clean Water**

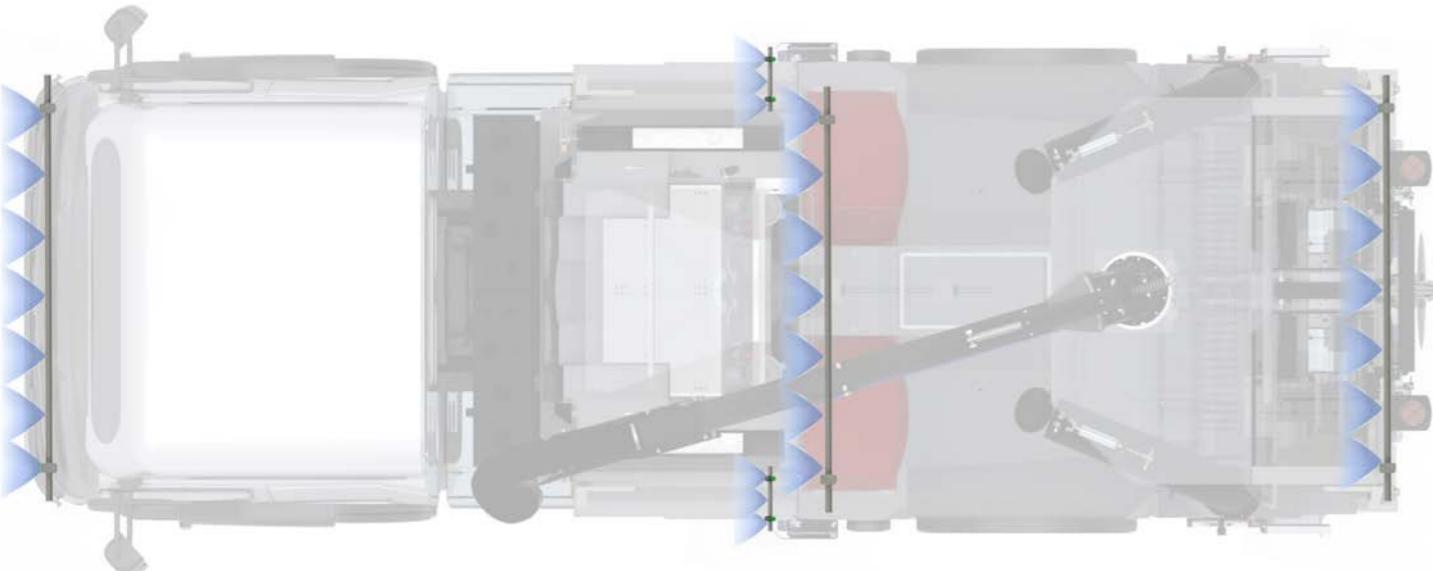
2845L as standard, with optional 250L - 4000L additional water tanks available. \*Chassis Dependant

**Double-Strength Subframe and Tipping Hinges**

We know our sweepers have to be robust, and critical to the stability of the vehicle are its subframe and tipping hinges. Twice the typical steel is used, to ensure maximum stability on uneven ground.



# QUADVAC SUCTION & WATER



## Dust Suppression System

The QuadVac features the same Dust Suppression System as the S6400 & S8400s, which ensures dust-free collection of all swept material whilst delivering 35 litres/min at 3.5 bar (50 psi).

## Nozzle Suction

The QuadVac's suction boxes are also constructed of the same cast aluminium as the S6400 & S8400s, with a 4mm moulded vulcanised wear-resistant rubber lining. Both side boxes can be easily raised or lowered and tilted backward with a simple switch, facilitating the effortless collection of larger materials.

The rear thin aperture, full width suction nozzles differ in construction from the side suction nozzles as they are manufactured from mild steel and coated in a stronger polyurethane lining to resist the increased airflow velocity travelling through the box.

## Twin High Pressure Wash System

The QuadVac is equipped with two high pressure water pumps, one dedicated to each rear suction nozzle offering maximum pressure where it's needed for ultimate cleaning results.

Each pump delivers 30 litres/min at 150 bar (2,200 psi) and even when the QuadVac nozzles aren't in use, it still incorporates a hand lance with 15 metres of hose, suction box spray bars, front spray bar and wide sweep brush spray bar.



**STOCKNET**  
CAN-BASED TELEMATICS PORTAL

## STOCKNET OVERVIEW

Gain real-time insights, optimise machine performance, and make data-driven decisions that drive success.

StockNet offers cutting-edge CAN-based telematics gateways that revolutionise the processing of CAN data. Unlock valuable insights from each of your machines and access a wealth of machine monitoring data to save both time and money.

### Save Time with Proactive Machine Management

Say goodbye to unexpected issues and downtime. With StockNet, you can pro-actively manage your machines and improve availability through planned maintenance and repair. By staying ahead of potential problems, you can ensure smooth operations and avoid costly setbacks.

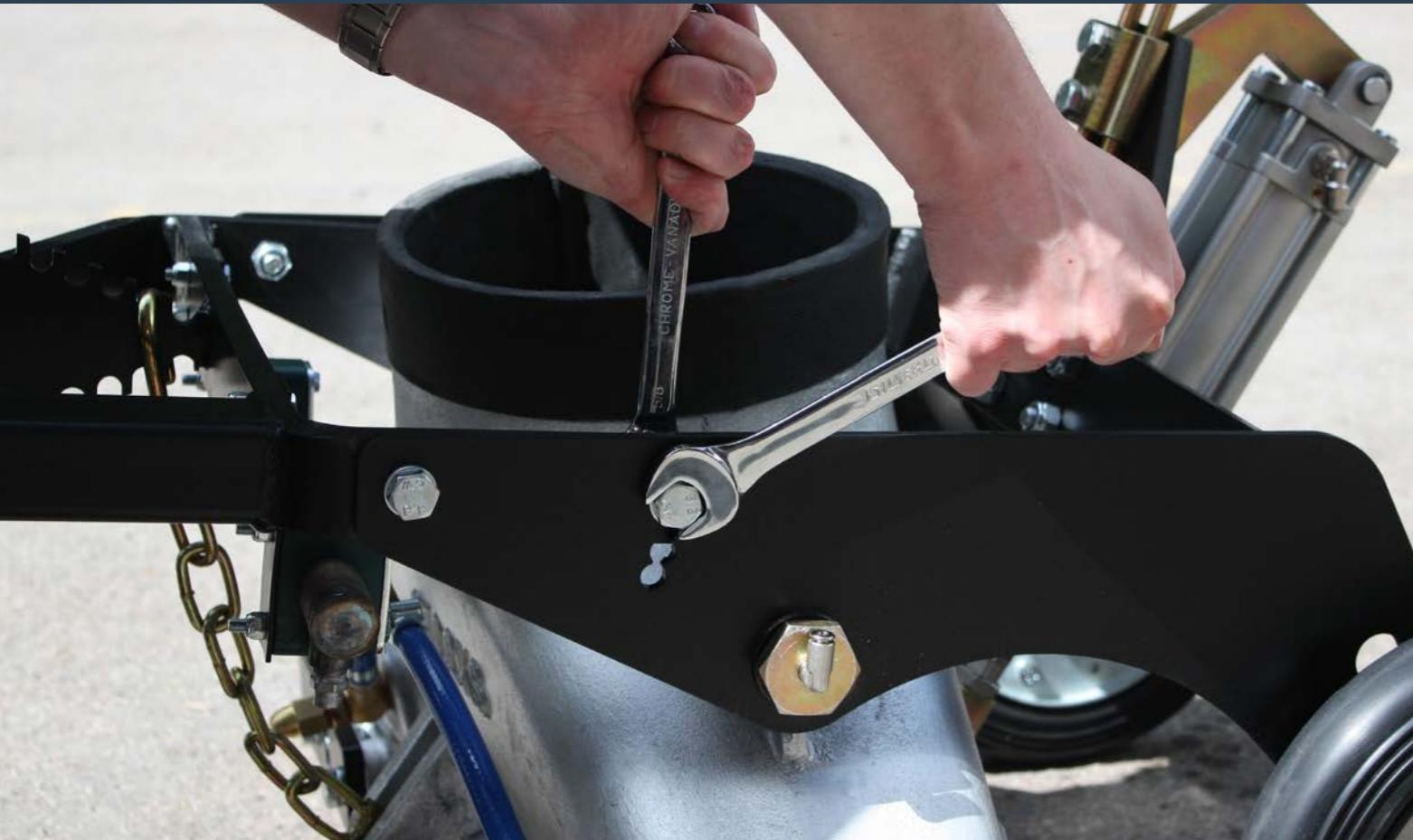
### Remote Fault Remediation and Reduced Maintenance Effort

Our Stock service partners can remotely remedy faults, minimising maintenance efforts and downtimes. With StockNet, you gain access to a wide range of data, including fuel consumption, location, and machine usage. Armed with this information, you can make informed decisions that significantly impact your operations.

### Discover Additional Functions for Optimal Savings:

StockNet offers a plethora of functions that enable further cost savings and unleash the full potential of your machine. From optimising fuel consumption to maximising machine utilisation, our solution empowers you to make decisions that enhance your operation's efficiency and productivity.

# CUSTOMER SUPPORT



***'Customer service is not a department, it's an attitude'***

## We understand and deliver what you need

We pride ourselves in understanding our customers' service requirements. Having owned and operated our own road sweeper hire fleet for many years, we know exactly what kind of support is essential to meet our customers' demands.

Our highly trained team will work with you to identify potential issues, offering fast and cost-effective solutions, to ensure that your equipment is running reliably and accurately for the maximum time possible.

For customer support, contact our Customer Support Centre on 01594 809 500 or [info@stocksweepers.com](mailto:info@stocksweepers.com)

# PARTS DEPARTMENT



## Parts

We have a dedicated, fully stocked parts warehouse based in the UK.

The majority of our sweeper parts are kept in stock and can be delivered to you in the mainland UK the next working day.

Our parts department supplies parts for most brands of sweepers. We supply internationally, to over 20 countries around the world. For more information on parts for your specific machines, please get in touch today.

Contact our Parts Department on 01594 809 500 or [parts@stocksweepers.com](mailto:parts@stocksweepers.com)

Every effort has been made to ensure that the information contained in this brochure is correct.  
Due to continuous product development, we reserve the right to make alterations/improvements without prior notice. E&OE.  
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