





THIS IS THE SCARAB T7

Performance You Can See, Power You Can Feel, Strength You Can Measure
- the SCARAB T7 is a heavy duty powerhouse built for the world's toughest environments.

By coupling a high-powered, 105kW auxiliary engine with SCARAB's proven airflow path and high speed fan, **the SCARAB T7 sets a new benchmark in heavy-duty sweeping**. From road planing and surface dressing to highway maintenance and construction sites, the T7 delivers unrivalled first-pass sweeping performance and durability across all applications.

Designed for global versatility, **the SCARAB T7 is available on a wide range of 15 – 18 tonne GVW chassis** and can also be supplied as a skid-mounted unit for local installation anywhere in the world.

WE ARE THE SWEeper PEOPLE

The SCARAB T7 is the latest evolution in our world-class product portfolio, which is proudly designed and engineered at our **state-of-the-art manufacturing facility in the United Kingdom**.

In this environment, where sweepers are our dedicated focus, our team seamlessly blend tradition with technology – preserving the DNA that has made SCARAB synonymous with **quality, refinement and product innovation**.

Every detail reflects our commitment to excellence, ensuring that the T7 continues the legacy of being **the first choice for customers worldwide**.



SIZE:	15-18 tonne GVW
SWEEPING SPEED:	0-20mph - 32kph
HOPPER CAPACITY:	6.6 cubic metres
WATER TANK:	160 - 2500 litres
ENGINE:	Dettiz TCD3.6 Stage V (5kW) Dettiz TCD3.6 Stage V (105kW)
TYPICAL PAYLOAD:	Up to 10,000kg
SWEEP PATH:	Up to 360mm



DISCOVER MORE

PERFORMANCE YOU CAN SEE

Maximum power, no compromise - heavy duty sweeping for every work site. The SCARAB T7 offers a range of performance advantages, including:



- ◆ **MAXIMUM POWER:** For the first time, the SCARAB T7 is available with a 105kw Deutz auxiliary engine (56kW variant also available). This fuel-efficient, high-powered engine offers 500-hour service intervals and is supported by service partners in over 130 countries. Its compact design ensures high power density while maximising payload potential.
- ◆ **CAPACITY FOR MORE:** The SCARAB T7 features a 6.6 cubic metre hopper constructed from 4mm thick stainless steel, with a reinforced rear door for added strength. The hopper has a tipping angle of up to 55 degrees to make emptying debris as seamless as possible.
- ◆ **EFFICIENT SUCTION PERFORMANCE:** As with every product in our range, the T7 benefits from SCARAB's short efficient airflow path for maximum efficiency. The T7 also features SCARAB's high speed fan configuration as standard.
- ◆ **ON-TASK ENDURANCE:** As standard, the SCARAB T7 is equipped with a 1650-litre water tank, crafted from corrosion-resistant 304 stainless steel for maximum durability. For operations that demand extended capacity, optional upgrades to 2000 or 2500 litres are available - delivering greater flexibility for the most demanding environments.
- ◆ **FLAWLESS FINISH:** Water delivery is available across the SCARAB T7 to suppress dust, improve efficiency and deliver a flawless finish. For added versatility, the T7 can be specified with a 13-metre hose reel, with a hand lance or hand gun, for high-pressure cleaning and washing down.
- ◆ **ANY APPLICATION:** The nozzle boxes are manufactured with increased material thickness and enhanced functionality, including variable tilt control from within the cab, ensuring they can handle the most demanding applications and maximise working time.





OPERATOR FIRST, BY DESIGN.

POWER YOU CAN FEEL

Operator-first, by design. Precision built for maximum efficiency and control:

- ◆ **ASSISTED OVERHEAD BOOM:** The optional 200mm pneumatic-assisted overhead boom makes clearing gullies effortless. With an increased hose diameter and a 5-meter reach, it has never been easier to clear debris built up in catch basins.
- ◆ **HASSLE-FREE REFUELING:** Both fuel tanks are located on the same side of the sweeper, making refuelling quicker and increasing uptime.
- ◆ **LIGHTING FOR EVERY APPLICATION:** The T7 is available with the largest range of lighting options ever offered on a SCARAB sweeper, including beacons, work lights, scene lighting and more.
- ◆ **MAXIMUM UPTIME:** The hopper's design minimises debris traps and, with features such as a remote screen lift, screen shaker and fan cleaning assist, operators are able to reduce end-of-shift cleaning times.
- ◆ **AT THE TOUCH OF A BUTTON:** At the touch of a button, the operator can simply switch between four brand-new working modes: **Eco**, **Standard**, **Boost**, and **Super Boost**.
- ◆ **STATE-OF-THE-ART CONTROL:** Inside the cab, the T7 is equipped with SCARAB's brand-new generation 4 CANbus control system, featuring an interactive touchscreen display and a redesigned door pod. This system puts full control of the sweeper's functions in the operator's fingertips.



STRENGTH YOU CAN MEASURE

True quality doesn't stop at the product - it's defined by the support available to every customer. The SCARAB team is dedicated to maximising uptime:



- ◆ **LIFETIME HOPPER WARRANTY:** The original purchase of a SCARAB T7 comes with a lifetime hopper warranty* - reinforcing our commitment to quality.
- ◆ **WORLD-CLASS AFTER SALES:** We offer industry-leading same day availability from our dedicated parts warehouse, tailored Service Plans and Self Warranty packages to ensure we support every customer's requirements.
- ◆ **MADE IN BRITAIN:** Like every SCARAB sweeper, the T7 proudly carries the 'Made in Britain' credential, representing our state-of-the-art manufacturing facility and processes in the United Kingdom.
- ◆ **DO MORE:** For certain chassis, SCARAB offers rear draw bar trailer coupling options (including VBG) to enhance productivity, helping operators achieve more with their T7 sweeper.
- ◆ **ENHANCED FLEXIBILITY:** The SCARAB T7 has been designed with clearance for retrofittable rear suction for additional functionality.



*Terms & Conditions apply.



OPTIONS & ENHANCEMENTS

AUXILIARY ENGINE

- ◆ 56kW Deutz TCD 3.6 L4 HP Stage V Auxiliary Engine.
- ◆ 105kW Deutz TCD 3.6 L4 HP Stage V Auxiliary Engine.

SWEEPING

- ◆ Single Sweep (L/H or R/H) (Standard or Polyurethane Lined).
- ◆ Dual Sweep (Standard or Polyurethane Lined).
- ◆ Auxiliary Channel Brush.
- ◆ Side Brush Down Pressure - Electronically Controlled.
- ◆ Widesweep Brush Electronic Pressure Control.
- ◆ Reverse Widesweep Brush Swivel (Dual Sweep Only).
- ◆ Brush Leg with Tilting Brush Head Option (L/H or R/H or Dual).
- ◆ Sequential Brush Lift.

NOZZLES

- ◆ Hydraulic Nozzle Box Tilt.
- ◆ Variable Nozzle Box Tilt.

WATER TANK

- ◆ 1650 litres (Standard).
- ◆ 2000 litres.
- ◆ 2500 litres.

LOW PRESSURE WATER SYSTEM

- ◆ Extra Water to the Suction Tube (L/H or R/H).
- ◆ Extra Water to the Suction Tube (Dual).

HIGH PRESSURE WATER SYSTEM

- ◆ High Pressure Water Pump (30 LPM @ 100 Bar Rating), Auto-Hose Reel with 13m Hand Lance & Water Level Cut-Off.
- ◆ High Volume Water Pump (70 LPM @ 50 Bar Rating), Auto-Hose Reel with 13m Hand Lance & Water Level Cut-Off.
- ◆ Stainless Steel High Pressure Front Spray Bar.
- ◆ High Pressure Water Boost Spray Bar - Front of Nozzle (L/H or R/H or Dual).
- ◆ High Pressure Water Boost Spray Bar - Back of Nozzle (L/H or R/H or Dual).
- ◆ High Pressure Spray Bar Mounted Behind Widesweep Brush, Complete with Ball Valve Shut-Off.
- ◆ Water Injection into Suction Fan to Assist Cleaning.

WANDERHOSE & OVERHEAD BOOM

- ◆ Standard Rear Wanderhose.
- ◆ Rear Boom with 180mm with Support & Stainless Steel End Tube (L/H or R/H).
- ◆ Pneumatically Lifted Rear Boom (180mm Diameter) with Support & Stainless Steel End Tube (L/H or R/H).
- ◆ Roof-Mounted Overhead Boom (150mm Diameter) with Support (L/H or R/H).
- ◆ Pneumatically Lifted Roof-Mounted Overhead Boom (150mm Diameter) (L/H or R/H).
- ◆ Pneumatically Lifted Roof-Mounted Overhead Boom (200mm Diameter) (L/H or R/H).

HOPPER

- ◆ Super Boost Suction Fan (105kW Aux. Engine Only) & Remote Screen Lift.
- ◆ Rear Door Drains with Shut-Off Valve (R/H).
- ◆ Pneumatically Operated Screen Shaker.
- ◆ Hydrant-Fed Deluge System.
- ◆ Detergent Wash Kit.

CHASSIS DEPENDANT

- ◆ Reverse Alarms.
- ◆ Simple Load Indicator.
- ◆ Hand Wash Basin.
- ◆ Fire Extinguisher.
- ◆ Broom & Shovel Rack.
- ◆ Rear Draw Bar Trailer Couplings.

CCTV CAMERAS

A range of one camera, two camera and three camera configurations are available. For suitable specification, please contact your SCARAB dealer.

LIGHTING & BEACONS

A range of LED beacons, light bars, surface-mounted warning lamps, flood lights, work lights, scene lights, boundary lights and warning lights are available. For suitable specification, please contact your local SCARAB dealer.

The SCARAB T7 can be fitted to most internationally available truck chassis from a range of manufacturers including: SCANIA, Volvo, DAF, MAN, Mercedes, Renault, IVECO, Hino, Freightliner, Peterbilt, International and more.

For details on suitable chassis specifications, please contact your local SCARAB dealer.

WEIGHTS & DIMENSIONS

TYPICAL DIMENSIONAL DATA

Length Overall	6200 - 7700mm
Wheelbase	3260 - 4600mm
Width Overall	2300 - 2550mm
Overall Height	
Hopper Lowered:	3300 - 3500mm
Hopper Raised:	4850 - 4950mm

CAPACITIES

Hopper*	Voided Volume 6.6m ³
	Payload Volume 5.9m ³

PAYOUT

Payload Potential	6000 - 10,000kg
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WATER TANK**

1650 - 2500 litres

* Calculated in accordance with European Standard EN15429

** The option of an additional water tank is available subject to chassis selected

SWEEP PATH

Diagram

Dimensions

A Suction Nozzle Only	80mm
B Nozzle & Side Brush	135mm
C Nozzle, Side Brush & Widesweep	240mm
D Simultaneous Dual Sweep	350mm

Slight variations to the foregoing dimensions can occur according to individual chassis specifications.





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SCARAB ♦ Leave nothing behind