



 **SCARAB**
FAYAT GROUP



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, 140hp 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 milling and surface dressing to highway maintenance and construction sites, the T7 delivers unrivaled first-pass sweeping performance and durability across all applications.

The SCARAB T7 is assembled in the United States and is available on a range of **conventional and cab-over chassis** (in the 33,069 – 39,683 lb GVW chassis range), which can be specified with dualization.

Across the United States, we are supported by a network of experienced Dealers - each geared to support every SCARAB customer with Sales Queries, Genuine Parts, Technical Support & Servicing.

WHY PURE VACUUM?

Pure vacuum technology is by far the most popular solution for municipal and contractor operators around the world. This solution offers efficient sweeping, with minimal impact on the environment. SCARAB has been delivering pure vacuum solutions for over 45 years. This system offers many benefits, including:

- ◆ Most reliable **first pass performance**, across any road surface.
- ◆ SCARAB's roof-mounted impeller creates **a short, efficient airflow path.**
- ◆ **Water is delivered across the machine** to dampen debris and aid collection in the hopper.
- ◆ High-powered pure vacuum sweepers are the most effective at collecting pollutants before they enter stormwater. The configuration is the best suited for meeting the **Municipal Separate Storm Sewer System (MS4) regulations.**



SIZE:	33,069 - 39,683 lbs GVW
SWEEPING SPEED:	0 - 20 mph
HOPPER CAPACITY:	8.6 yd³
WATER TANK:	528 gal
ENGINE:	Deutz TCD 3.6 Stage V (140hp)
TYPICAL PAYLOAD:	Up to 22,046 lbs
SWEEP PATH:	Up to 143"



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 140hp Deutz auxiliary engine (75hp 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 maximizing payload potential.
- ◆ **CAPACITY FOR MORE:** The SCARAB T7 features a 8.6 cubic yard hopper constructed from 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 500-gallon water tank, crafted from corrosion-resistant 304 stainless steel for maximum durability.
- ◆ **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 14-yard hose reel, with a hand lance or hand gun, for high-pressure cleaning and washing down.
- ◆ **ANY APPLICATION:** The pick-up heads 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 maximize working time.
- ◆ **FLEXIBLE BROOM OPTIONS:** The T7 is available in single or dual sweep, covering up to 143" with both side brooms. Variable speeds and a swiveling widesweep give full operator control. An optional double curbside broom adds 40" of curb coverage and is ideal for weed removal without chemicals.



POWER YOU CAN FEEL

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

- ◆ **ASSISTED OVERHEAD BOOM:** The optional 8" pneumatic-assisted overhead boom makes clearing storm drains effortless. With an increased hose diameter and a 5.5-yard reach, it has never been easier to clear debris built up in catch basins.
- ◆ **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 minimizes 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.



OPERATOR FIRST, BY DESIGN.

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 maximizing 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 Parts availability from our dedicated parts warehouse, tailored Service Plans and Self Warranty packages to ensure we support every customer's requirements.
- ◆ **ASSEMBLED IN THE UNITED STATES:** Every SCARAB T7 sweeper for the US market is proudly assembled by our team of experts. This local touch ensures we continue delivering the best machine possible for the American market.
- ◆ **ENHANCED FLEXIBILITY:** The SCARAB T7 has been designed with clearance for retrofittable rear suction for additional functionality.



*Terms & Conditions apply.

OPTIONS & ENHANCEMENTS

AUXILIARY ENGINE

- ◆ 75hp Deutz TCD 3.6 L4 HP Stage V Auxiliary Engine.
- ◆ 140hp Deutz TCD 3.6 L4 HP Stage V Auxiliary Engine - **(US Standard)**.

SWEEPING

- ◆ Dual Sweep (Standard or Polyurethane Lined) - **(US Standard)**.
- ◆ Auxiliary Curbside Broom (with Work Light, Down Pressure & Variable Broom Speeds) - **(US Standard)**.
- ◆ Side Broom Down Pressure - Electronically Controlled - **(US Standard)**.
- ◆ Widesweep Broom Electronic Pressure Control - **(US Standard)**.
- ◆ Reverse Widesweep Broom Swivel (Dual Sweep Only).
- ◆ Broom Leg with Tilting Broom Head Option (L/H or R/H or Dual) - **(US Standard)**.
- ◆ Sequential Broom Lift.

PICK-UP HEADS

- ◆ Hydraulic Pick-up Heads Tilt - **(US Standard)**.
- ◆ Variable Pick-up Heads Tilt.

WATER TANK

- ◆ 435 gallons.
- ◆ 528 gallons - **(US Standard)**.
- ◆ 660 gallons.

LOW PRESSURE WATER SYSTEM

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

HIGH PRESSURE WATER SYSTEM

- ◆ HP Water Pump (30 LPM @ 1450 PSI Rating), Auto-Hose Reel with 14y Hand Lance & Water Level Cut-Off - **(US Standard)**.
- ◆ High Volume Water Pump (70 LPM @ 725 PSI Rating), Auto-Hose Reel with 14yd Hand Lance & Water Level Cut-Off.
- ◆ Stainless Steel High Pressure Front Spray Bar - **(US Standard)**.
- ◆ HP Water Spray Bar - Front of Pick-up Heads (L/H or R/H or Dual).
- ◆ HP Water Spray Bar - Back of Pick-up Heads (L/H or R/H or Dual) - **(US Standard)**.
- ◆ HP Water Spray Bar - Behind Widesweep Broom, Complete with Ball Valve Shut-Off - **(US Standard)**.
- ◆ Water Injection into Suction Fan to Assist Cleaning - **(US Standard)**.

WANDERHOSE & OVERHEAD BOOM

- ◆ Standard Rear Wanderhose.
- ◆ 7in Rear Boom with Support & Stainless Steel End Tube (L/H or R/H).
- ◆ Pneumatically Lifted Rear Boom (7in Diameter) with Support & Stainless Steel End Tube (L/H or R/H).
- ◆ Roof-Mounted Overhead Boom (6in Diameter) with Support (L/H or R/H).
- ◆ Pneumatically Lifted Roof-Mounted Overhead Boom (6in Diameter) (L/H or R/H).
- ◆ Pneumatically Lifted Roof-Mounted Overhead Boom (8in Diameter) (L/H or R/H) - **(US Standard)**.

HOPPER

- ◆ Super Boost Suction Fan (105kW Aux. Engine Only) & Remote Screen Lift - **(US Standard)**.
- ◆ Rear Door Drains - **(US Standard)**.
- ◆ Pneumatically Operated Screen Shaker - **(US Standard)**.
- ◆ Hydrant-Fed Deluge System.
- ◆ Detergent Wash Kit.

CHASSIS DEPENDANT

- ◆ Reverse Alarms.
- ◆ Simple Load Indicator.
- ◆ Hand Wash Basin.
- ◆ Fire Extinguisher.
- ◆ Broom & Shovel Rack.

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.

WEIGHTS & DIMENSIONS

TYPICAL DIMENSIONAL DATA

Length Overall	244- 303"
Wheelbase	128 - 181"
Width Overall	90.5 - 100.5"
Overall Height	
Hopper Lowered:	129.9 - 137.8"
Hopper Raised:	190.9 - 194.9"

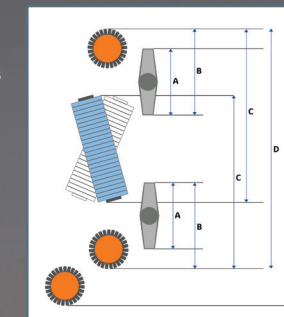
CAPACITIES

Hopper*	Voided Volume 8.6y³ Payload Volume 7.7y³
Water tank**	436 - 660 gallons

* Calculated in accordance with European Standard EN15429
** The option of an additional water tank is available subject to chassis selected

PAYLOAD

Payload Potential **13,227 - 22,046 lbs**



A Suction Pick-up Heads only	31.5"
B Pick-up Heads & Side Broom	53.1"
C Pick-up Heads, Side Broom & Widesweep	94.5"
D Simultaneous Dual Sweep	143.7"
E Double Curbside Broom	156.3"

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



The SCARAB T7 can be fitted to most internationally available truck chassis from a range of manufacturers including: Freightliner, Peterbilt, International and more.

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



Dealer




SCARAB
FAYAT GROUP

Fayat Cleantech America
342 Patricia Ln, Ste 104,
Fort Mills, SC 29708

sales@ravoscarabna.com
scarab.fayat.com/en-us/

SCARAB ♦ Leave nothing behind