



**SCARAB**  
FAYAT GROUP

**SCARAB M65T**



TWINDRIVE



# ECONOMICAL & ROBUST

## THE SCARAB M65T



### ESSENTIAL SIMPLICITY

The M65T is a heavy duty twin-engine sweeper capable of being mounted onto virtually any internationally available 12 to 18 tonne GVW truck chassis. Incorporating all the benefits associated with Scarab equipment, the rugged construction and a carefully selected range of options ensure the M65T delivers outstanding performance in all municipal, urban or heavy duty contracting work.

The M65T can be supplied as a completely built machine from the factory or for specific markets can be supplied as an Export Skid Unit for local mounting in the country of destination.

Whatever the application, wherever the location, the M65T is a cost-effective solution for the demanding owner.



Single sweep or Dual sweep configuration.

Trailed widesweep brush is adjustment-free and designed to ensure parallel usage.

Robust steel suction nozzle for durability.

Short suction hoses are an easy and low-cost replacement.

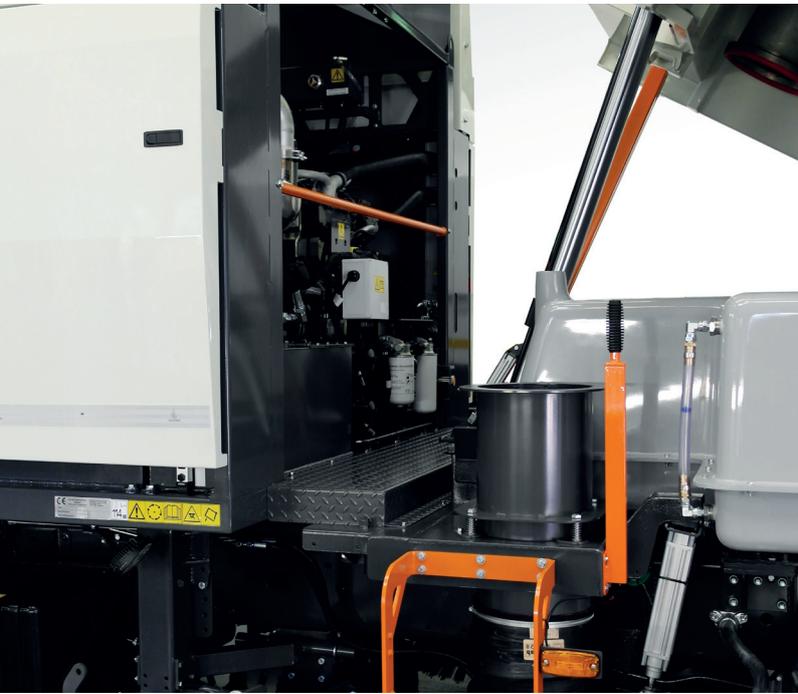
Trailed channel brush mechanism with adjustable brush-pressure control option.

Self-contained design which simplifies installation and commissioning.

Dust-suppression jets are fitted to all brushes, nozzles and includes a front spray bar.

All sweep gear and other grey parts are shot blasted and powder coated.





Safe and easy access to the auxiliary engine and filters via a large dedicated service platform.

A safety hopper prop automatically engages when the hopper is raised.

Totally corrosion resistant glass reinforced plastic water tank is mounted under the hopper and provides the best weight distribution whilst driving and sweeping.

All external automotive electrical components are IP67 weatherproof rated for additional reliability.



The hopper is completely manufactured from strong, corrosion and abrasion resistant 4003 Stainless Steel, shot blasted with chrome before a two pack epoxy primer is applied followed by a hard wearing top coat.

The Hopper is fitted with lockers on both sides for additional storage.

Particulate screening via a hinged stainless steel mesh filter - swings down for ease of cleaning and access to the stainless steel inlet cone.



## POWERFUL & RELIABLE SUCTION PERFORMANCE

A stainless steel centrifugal impellor positioned to produce an efficient airflow path for high suction performance and reduced power consumption.

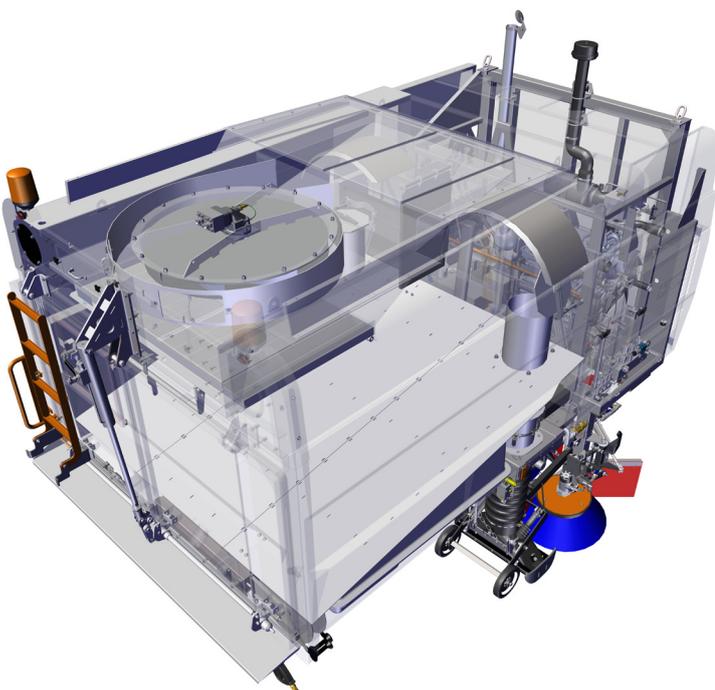
The auxiliary engine is infinitely variable from 1200 RPM - 1550 RPM this provides more than enough power for municipal or heavy duty work whilst a 1700 RPM fan boost is available for resurfacing and tougher environments ensuring a clean sweep everytime.

Improving air quality is a daily challenge for many municipalities. The use of sweepers to reduce dust particulates in public areas is a common practice.

The M65T has been awarded the 3 Star EUnited PM10 standard and is more than capable of collecting and suppressing particulate matter sized less than 10µm.

**EUnited**  
Municipal  
Equipment

**PM10**  
FOR A CLEAN ENVIRONMENT  
★★★  
CERTIFIED



# POWER & CONTROL

## SCARAB TWIN DRIVE

The M65T has been designed for operators who prefer a twin-engine configuration but who also wish to benefit from the very best in sweeper design and technology.

All the qualities that make Scarab the sweeper of choice for so many operators around the world are incorporated in the M65T.

### QUIET, EFFICIENT POWER IN A SELF-CONTAINED UNIT

#### AUXILIARY ENGINE

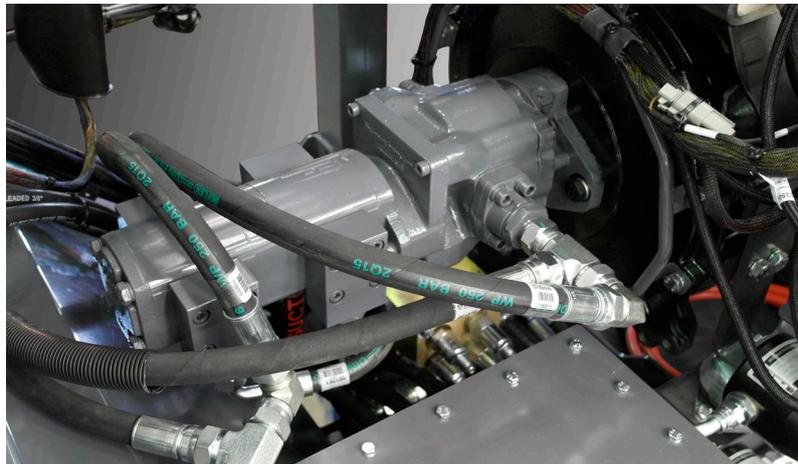
The quiet low-emission engine was selected for its ability to provide ample power at low rpm, with reduced fuel consumption and industry leading service intervals and without the need for Adblue.

Its position, between hopper and cab, affords ease of access for servicing. All engine filters and main service points can be reached from the large service platform.

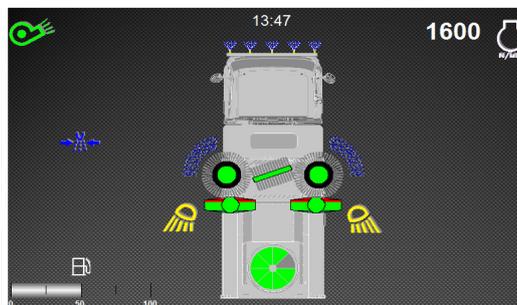
#### HYDRAULIC SYSTEM

The Scarab fluid drive system is directly coupled to the auxiliary engine. By eliminating drive belts, gearboxes and flywheel couplings, it ensures quiet, efficient sweeping and suction performance and a high degree of reliability.

All the hydraulic control components are housed in a secure locker and steel piping is used throughout.



### CANbus COMMAND & CONTROL



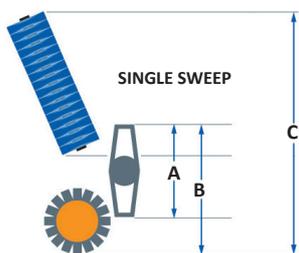
Scarab's CANbus control system has revolutionised the way sweepers are operated and maintained. Intuitive controls and a conveniently positioned colour monitor provide comprehensive levels of feedback to both operating and service personnel.

A graphical display indicates the sweeping configuration and condition of the vehicle systems including warnings and regular service reminders. Real-time monitoring and data-logging provides valuable assistance in resolving problems and achieving

optimum machine performance without the need for connection to a computer. Scarab CANbus includes universal connectors for fitment of Global positioning System (GPS) and the option of real-time data via telematic up-link.

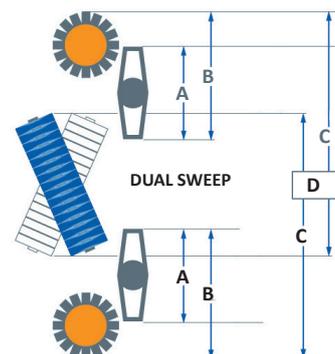
# STANDARD M65T FEATURES

## SWEEPING WIDTHS (Based on a typical 15 tonne GVW chassis)



A	Suction Nozzle Only .....	740 mm
B	Nozzle & Side Brush .....	1135 mm
C	Nozzle, Side Brush & Widesweep .....	2075 mm
D	Simultaneous Dual Sweep.....	3200 mm

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



## WEIGHTS & DIMENSIONS

### TYPICAL PAYLOAD POTENTIAL

STANDARD SPECIFICATION ..... 12 Tonne - 4500 kg / 18 tonne - 9000 kg

### SCARAB EQUIPMENT WEIGHT

IN DUAL SWEEP CONFIGURATION ..... 3500 kg

### TYPICAL DIMENSIONAL DATA

LENGTH OVERALL ..... 6100 mm  
 WHEELBASE ..... 3300- 3800 mm  
 WIDTH OVERALL ..... 2400 mm  
 OVERALL HEIGHT - HOPPER LOWERED/HOPPER RAISED ..... 3100/4735 mm

### CAPACITIES

HOPPERS \* ..... Voided Volume 6.35 m<sup>3</sup> / Payload Volume 5.65m<sup>3</sup>  
 WATER TANK \*\* ..... 1250 litres

\* Calculated in accordance with European Standard EN15429.

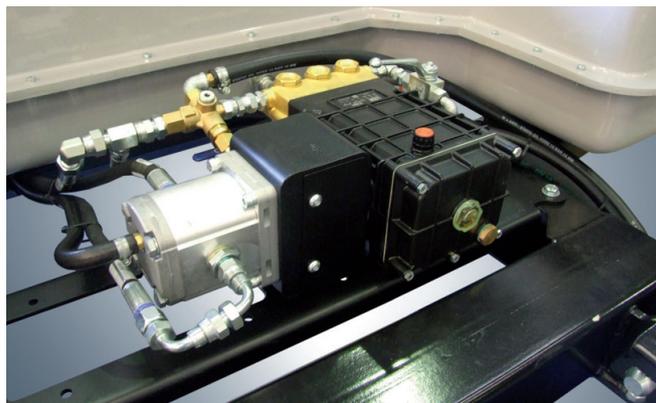
\*\* The option of an additional water tank is available subject to chassis selected.

The M65T sweeper can be fitted to most internationally available truck chassis from from a range of manufacturers including: **DAF, MAN, MERCEDES, RE**



# ENHANCEMENTS

## UPGRADE YOUR M65T



**OPTIONS** (Other options & operator specific requirements are available upon request)

### WATER

- High-pressure / High Volume Pump with hand lance and self-retracting hose reel
- Additional Dust Suppression for Suction Tubes (additional jets at the top of the suction tube)
- Simultaneous Wash & Sweep
- \*\*Additional Water Tank between auxiliary engine and chassis cab

### BRUSHES

- Dual Sweep (A second Channel Brush on opposite side of the sweeper + Swivelling Widesweep)
- Simultaneous Dual Sweep (both Channel Brushes + Swivelling Widesweep)
- Adjustable Pressure Control for Channel Brushes and Widesweep
- Auxiliary Channel Brush

### SUCTION SYSTEM

- Rear-mounted swing-out Wander Boom (Left Hand or Right Hand mounting)
- Polyurethane coating of suction path components

### MISCELLANEOUS

- CCTV Camera to offside brush and/or rear of vehicle
- Rear inspection door with access ladder
- Centralised lubrication system (either manual or automatic)
- Alternative or additional beacons (e.g. Xenon)
- Work Lights

VAULT, IVECO, VOLVO, HINO, INTERNATIONAL, UD and VW





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Dealerstamp