SCARAB M6

The M6 is a truck-mounted, heavy-duty sweeper capable of delivering outstanding performance in any application.



VERSATILE SOLUTION
MAXIMUM RELIABILITY

SCARAB FAYAT GROUP

SCARAB ◆ **Leave nothing behind**

SCARAB **M6**





High power, reliable performance, and easily mounted on nearly any 15-18 tonne chassis - the M6 is a trusted solution in even the most remote locations worldwide.

Robust, reliable and ready for the world's most challenging environments.

The M6 incorporates all the essential features of a SCARAB heavy-duty road sweeper and has been purposely developed to be packaged and shipped as safely and economically as possible to destinations around the world, where it can be easily mounted on the local 15 - 18 tonne GVW truck chassis of your choice.

The rugged construction, easy maintenance schedule and a carefully selected range of options ensure the M6 delivers outstanding performance in municipal and heavy-duty contractor applications.



MADE IN BRITAIN TRUSTED WORLDWIDE

Outstanding performance in municipal and heavy-duty contractor applications:

SIZE:	15 - 18 tonne GVW
SWEEPING SPEED:	15 - 20mph/20 - 30kph
HOPPER CAPACITY:	6.35 cubic metres
WATER TANK:	1250 - 1900 litres
ENGINE:	Cummins QSB 3.3 ROW
CHASSIS FUEL TANK CAPACITY:	95 - 200 litres
AUXILLARY FUEL TANK CAPACITY:	120 litres
TYPICAL PAYLOAD:	4500 - 9000kg
SWEEP WIDTH:	2505mm single/3200mm dual

Standard specification

- **Stainless steel hopper**
- **SCARAB CANbus control panel incorporating operational information, data logging and self diagnosis**
- **1250 litre corrosion resistant water tank**

DELIVERING MORE CHOICE WORLDWIDE

Thanks to our comprehensive network of trusted dealers worldwide, our export skid units can be distributed to even the most remote locations. Our dealer network is a collection of specially selected sweeping experts, each equipped with dedicated SCARAB knowledge and access to our innovative products to help clients meet the demands of their operations. Spread across six continents, our network is continuing to grow as we look to offer our technical and commercial innovations to as many countries as possible.



Export skid unit packaged and ready to ship

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COMPREHENSIVE SWEEPING CONFIGURATION

The M6 is available in both single and optional dual sweep configuration. When the suction nozzle, side brush and widesweep functions are in operation, the M6 can sweep at a 2505mm width. However, the brushes can reach an impressive 3200mm span when simultaneously dual sweeping.

With variable brush speeds, optional down pressure and swivelling widesweep, the M6 is proficient in any sweeping application.

POWERFUL & RELIABLE SUCTION PERFORMANCE

A stainless steel roof mounted impeller is positioned to produce an efficient airflow path for high suction performance and reduced power consumption.

Particulate screening, via a hinged stainless steel mesh filter, is pleated to give maximum surface area and reduce blocking - it also swings down for ease of cleaning.

Strong, robust hopper

The hopper is completely manufactured from strong, corrosion and abrasion-resistant 4003 stainless steel, which is shot blasted before a two-pack epoxy primer and a hard-wearing topcoat is applied.

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





POWER & CONTROL

The M6 has been designed for operators who prefer a twin-engine configuration. The simple fluid power system and Scarab's industry-leading CANbus control system reduce ownership costs and maximise reliability.



CANBUS CONTROL SYSTEM

Scarab's CANbus control system revolutionised the way sweepers are operated and maintained. It continues to evolve today to offer market leading sweeper control.

The intuitive CANbus controls and a colour monitor provide comprehensive feedback to both the driver and service team. The clear display indicates the sweeping configuration and vehicle condition - while also highlighting warnings and service reminders. Our real-time monitoring and data logging provide valuable assistance in troubleshooting technical problems and help keep your machine running at its most efficient.



Quiet, efficient power in a self-contained unit

AUXILIARY ENGINE

The quiet, low-emission Cummins QSB 3.3 engine was selected for its ability to provide ample power at low RPM.

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 working platform or by additionally removing the forward easy-access panel.

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.

AFTER SALES SUPPORT

Our dedicated After Sales team are Scarab Sweepers' front-line ambassadors and it's their aim to provide you with the highest level of support for the lifetime of your vehicle, delivered through:

- **Industry renowned after sales care.**
- **A range of extended warranty options.**
- **A choice of 'Service', or 'Repair and Maintenance' solutions to suit your needs.**

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The **SandMaster** option combines the performance advantage of a vacuum sweeper with comprehensive fine sand collection.

GLOBAL EXPERTISE, LOCAL SOLUTIONS: **INTRODUCING THE SCARAB M6 SANDMASTER**

The SCARAB team recognises that every market has its own unique challenges. That's why we collaborate closely with our trusted global network of dealers to continuously evolve our industry-leading road sweeping solutions.

With over 1,000 SCARAB M6 sweepers in operation globally, the M6 has earned a reputation for reliability and performance. Building on this legacy, we're proud to introduce the latest innovation to the M6 platform: the **SandMaster** option.

Designed specifically for demanding environments, the SandMaster features **full-width suction nozzles** that are **fully polyurethane protected as standard**, offering enhanced protection against abrasive sand collection. For even greater efficiency, an **optional rear-mounted dust suppression spray ba**r is available to further improve sand capture and control.

To support optimal performance, SCARAB provides a **comprehensive operator instruction guide**, tailored to help users maximise the effectiveness of the widesweep system when collecting sand - regardless of volume or conditions.

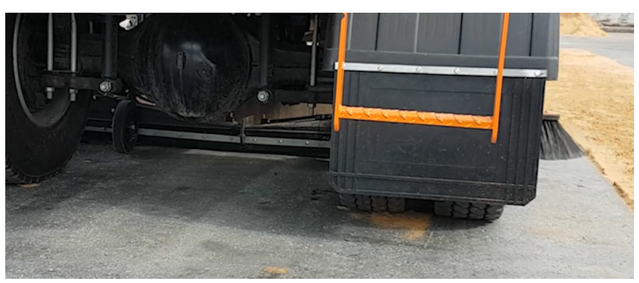
SCARAB is proud to offer the SandMaster option in the Middle East, where sand-heavy environments demand robust and reliable solutions. Our commitment to the region remains strong, and we will continue working closely with our local dealers to support evolving customer requirements.

- **Full-width suction nozzle**, **polyurethane protected** as standard for abrasion resistance.
- Extra water to hopper entry to **reduce sand egression** from the suction fan.
- **Additional dust suppression spray bar** can be fitted to the rear of the nozzle assembly.
- Can be used with or without the widesweep brush, depending on the conditions.









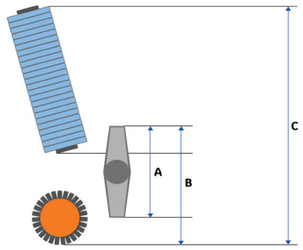


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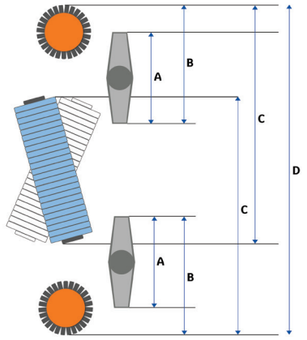
STANDARD FEATURES

SWEEPING WIDTHS (based on a typical 15 tonne GVW chassis)

SINGLE SWEEP



DUAL SWEEP



A Suction nozzle only	740mm
B Nozzle & side brush	1135mm
C Nozzle, side brush & Widesweep	2505mm
D Simultaneous dual Sweep	3200mm

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

WEIGHTS AND DIMENSIONS

PAYLOAD

Typical Payload Potential 4500 - 9000kg

TYPICAL DIMENSIONAL DATA

Length overall	6100mm
Wheelbase	3260 - 3900mm
Width overall	2400mm
Overall height	hopper lowered 3410mm hopper raised 5100mm

CAPACITIES

Hopper*	Voided volume 6.35m³ Payload volume 5.65m³
Water tank**	1250 - 1900 litres

* Calculated in accordance with European Standard EN15429

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





UPGRADES/ENHANCEMENTS

OPTIONS (other options and operator specific requirements are available upon request)*







*Some options listed are chassis dependent

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 and 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.

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.
- Centralised lubrication system (either manual or automatic).
- Alternative or additional beacons.
- Work lights.



MADE IN BRITAIN, TRUSTED WORLDWIDE

Scarab's machines are proudly Made In Britain and trusted by clients worldwide. Crafted at our facility in Marden, Kent, our dedicated team of experts are responsible for ensuring that every single one of our products effortlessly blends tradition with technology.

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M6

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Dealership

SCARAB SWEEPERS LTD

Pattenden Lane, Marden,
Tonbridge, Kent,
United Kingdom TN12 9QD

TEL +44 (0)1622 831006
scarab.fayat.com

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