



# SCARAB SWEEPERS

**ROSMECH**  
SWEEPER SALES SERVICE SPARE PARTS CONTRACTING®

**SWEEPERS THAT DON'T COST THE EARTH**



## **SCARAB MERLIN** UD CHASSIS

### HEAVY DUTY TRUCK-MOUNTED SWEEPER

The Merlin is the Scarab sweeper considered by many to be our most versatile truck-mounted model. Designed for a chassis GVW range from 10 tonnes to 12 tonnes, it is ideally suited to the task of contract or municipal road cleansing.

With its well-proven Hydrostatic drive, the Merlin is the direct descendent of the machine that set current standards for higher efficiency by combining world-beating sweeping performance with a more environmentally-friendly approach to noise and exhaust emissions.

Deriving all its power requirements from the more-than-adequate modern truck engine, the Merlin continues to lead the way to a better environment.

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The Merlin has all the traditional features of a Scarab Sweeper with the green and efficient single engine design which gives you greater reliability, durability, lower emissions and lower fuel costs along with the largest payload (up to 5000 kg\*). The 6.2 m<sup>3</sup> (nominal) stainless steel hopper is both corrosion and abrasion resistant and is equipped with large access doors either side to load large debris and rubbish sacks by hand.

The 1250 litre\* water tank capacity is of enormous benefit when utilizing the powerful high-pressure water system and low-pressure dust suppression, giving you an even cleaner sweep, as well as allowing for attachment of a high-pressure hand lance to clean road signs, graffiti and other stubborn material.

A powerful 4 metre suction wander hose is also available to remove rubbish and debris in awkward to reach areas such as litter bins and gully pots.

All sweeper controls are mounted on a neat CANbus control console which has clearly-marked backlit symbols to identify sweeper functions as well as a backlit LCD screen giving current operating status. CANbus also has the ability to carry out certain self-diagnosis functions and to log operational data greatly simplifying fault finding and rectification.

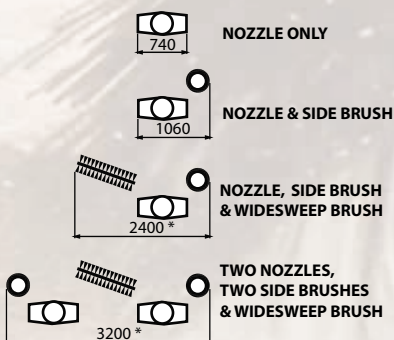
The Merlin has been designed from the outset to not only meet the demands of the council operator and contractor, but also successfully compete in the extremely tough hire and construction sectors. It has impressive suction power to prove it along with an equally impressive sweep width of up to 3200 mm\* meaning that a single pass will often be enough on even the most difficult work sites. All this coupled with an outstanding array of options gives you a sweeper that remains unrivalled in its class.

Furthermore, by having only one engine, which is tested to the latest emission legislation, the Merlin benefits from REDUCED EXHAUST POLLUTION and REDUCED FUEL CONSUMPTION, confirming it as one of the most environmentally friendly truck-mounted road sweepers ever built.

## MERLIN KEY FEATURES

Hopper Construction	Stainless Steel
Hopper Capacity (nominal)	6.2 m <sup>3</sup>
Sweep Width Max	3200 mm *
Water Tank	1250 litres *
Chassis GVW	10.4 tonne *
Control System	CANbus Technology
Wander Hose	4 metre
Dust Suppression	Fitted to all brushes
Drive Type (Sweep Mode)	Hydrostatic

## SWEEP WIDTHS



## DRIVE SYSTEMS

**HYDROSTATIC:** Clutchless single-pedal sweeping for superb low-speed control of forward, reverse and braking. Key benefits include, greatly reduced clutch and transmission wear; greener and more cost effective performance. Reverts to direct mode for normal driving at the touch of a switch.

## OPTIONS

- Dual Sweep with Swivel Wide Sweep
- High Pressure Street Wash Pump
- Simultaneous Sweep and Wash capability
- High Pressure Lance 13 metre Hose
- Detergent Injection Kit for Lance
- Additional Dust Suppression Measures
- Hydrant, Standpipe, Key & 3 metre Hose
- Camera Systems
- Rear Mounted Overhead Boom
- Pressure Control for all Brushes
- Hand-Wash Facility
- Centralised and Automatic Lubrication
- Hopper Vibrator \*
- Rear Directional Arrow Bar \*
- Weed Spray System \*

\* Rosmech Australia Specification only