M60

TOUGH CAPABLE EFFICIENT

ST

MACRO CLEAN

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M60

Effective washing device of loading conveyor's ring gears

Semi-centralized greasing system supplied as standard

Advanced CanBus control unit for unmatched performances

Large-surface retention dust filter for dust-free sweeping

Powerfull and quiet suction turbine

Tilting cab for full access to most components

Machine balance always parallel to ground, also while sweeping

Central drive for perfect visibility in all situations
Right or left-hand drive available

4-wheels power streering for sharp turning radius

Front/rear very comfortable hydro-pneumatic suspensions

Pressure control to reduce brush consumption

Single accelerator pedal for both transfer and working mode

180° right/left-hand side front adjustable brush

MAIN OPTIONALS

Fully adjustable third front brush that allows to sweep 180° left and right side.

Dumping at any height between 1,1 and 2,3 m.

Rear powerful wandering vacuum hose, 6 m lenght -140 mm diameter.

Side brush dust suppression skirts for dry dust-free sweeping.

M60 ST

MACRO
smart machines

The **M60** is the most advanced and performing mechanical-suction sweeper on the market today thanks to years of continuous development. Its **6 cubic meter hopper volume** and **6000 Kg net payload** are unmatched performances that allow this superb sweeper to work in the heaviest-duty conditions, both urban and industrial. **The very large surface filters make the machine work** dust-free even in the dustiest situations.

CANBUS
Controller Area Network Bus

IT IS AN ADVANCED SYSTEM THAT CONNECTS ALL THE MODULES WORKING THROUGHOUT THE MACHINE SO THAT THEY CAN WORK TOGETHER TO RUN EFFECTIVELY AND EFFICIENTLY. IT IS HIGHLY RELIABLE AS COMING FROM THE AUTOMOTIVE SECTOR:

- FRONT/REAR HYDRO-PNEUMATIC SUSPENSIONS
- MAIN BRUSH GROUND PRESSURE HYDRAULIC CONTROL, FOR WEAR REDUCTION
- AUTOMATIC CENTRAL BRUSH RAISE
- IN-CAB MONITOR WITH PARTIAL/TOTAL HOUR
- DIAGNOSTICS DIRECTLY DISPLAYED ON MONITOR

Very large volumes of dry collected waste. 6 m³ hopper and 6000 kg payload is the highest capacity on the market, allowing long working shifts.

Sweeping and climbing over 20% full-load. The 4-wheel steering gives the M60 excellent manoevrability in all working conditions.

Exclusive capability to sweep in unbalanced conditions (ex. sidewalks). The system allows to sweep on bumps with no operator's action required.

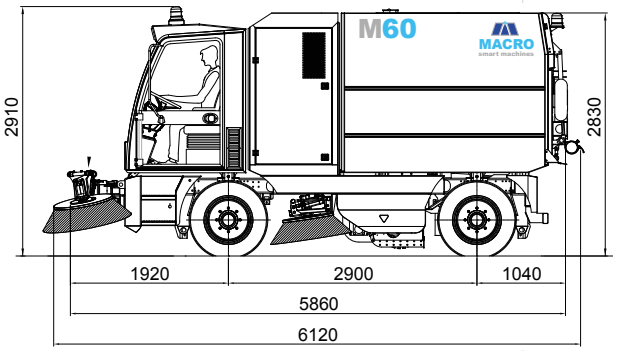
Spacious and comfortable cabin with 2 homologated seats and user-friendly controls.

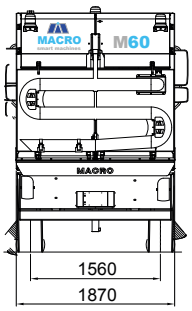
Display

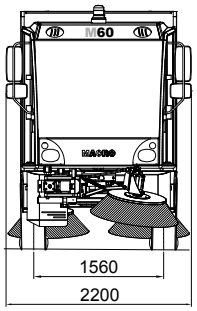
Large retention dust filter to work dust-free in any situation, with filtration level available up to PM 1 (optional).

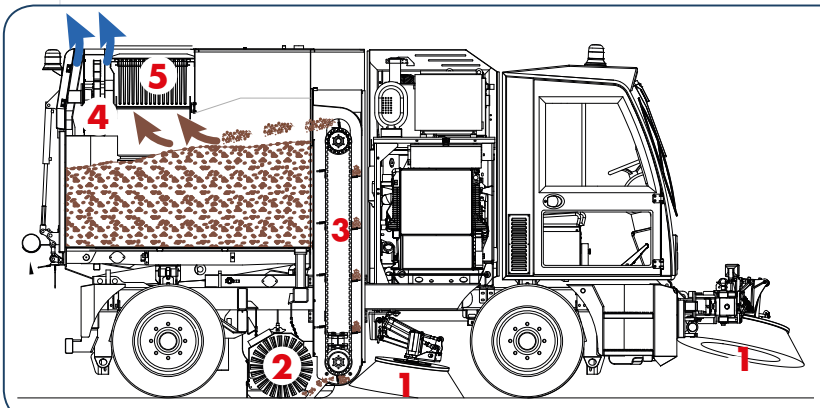
MAIN TECHNICAL FEATURES M60 ST

SWEEPING WIDTH	
• with central roll-brush only	1300 mm
• with central roll-brush and right-hand side brush	2000 mm
• with central roll-brush and 2 side brushes (standard)	2700 mm
• with central brush, 2 side brushes and 3rd front brush (opt)	3600 mm
HOPPER AND WATER TANK	
Hopper volume	6 m^3
Net payload	6000 kg
Hopper dumping height	1,1 m (opt÷2,30 m)
Water tank capacity (with optional water spraying system)	620 lt / (opt 1220 lt)
ENGINE AND DRIVE SYSTEM	
Mercedes diesel engine Tier3 Intercooler	110 kW/147 Hp
Driving system	hydrostatic
Maximum speed	42 Km/h
Maximum gradient full load	>20%
OTHER FEATURES	
All functions control	Electro-hydraulic
Min. Turning radius	4430 mm
Steering system	4-wheel power st.
Full load weight (without/with 3rd font brush)	13250/13400 Kg









MECHANICAL-SUCTION SYSTEM

The waste is collected by the mechanical action of the side (1) and central (2) brushes and the vertical loading conveyor (3). The suction (4) is only aimed at capturing the dust as soon as it's raised up from the floor. The suction is optimized to allow the full suppression of dusts thanks to large surface filter (5).

MACRO•CLEAN

Stablished in 1991 Macro enjoys a long experience in steel fabrication, as well as in the manufacturing of cleaning equipment for major international brands and of large sweepers. Inheriting and developing Macro advanced technology along with RCM large organization, Macroclean has rapidly become a leader in the production and sales of road and industrial sweepers and today offers the widest range of mechanical-suction sweepers from 0,3 to 6 m^3.

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