

M60 PLUS



TOUGH

CAPABLE

EFFICIENT

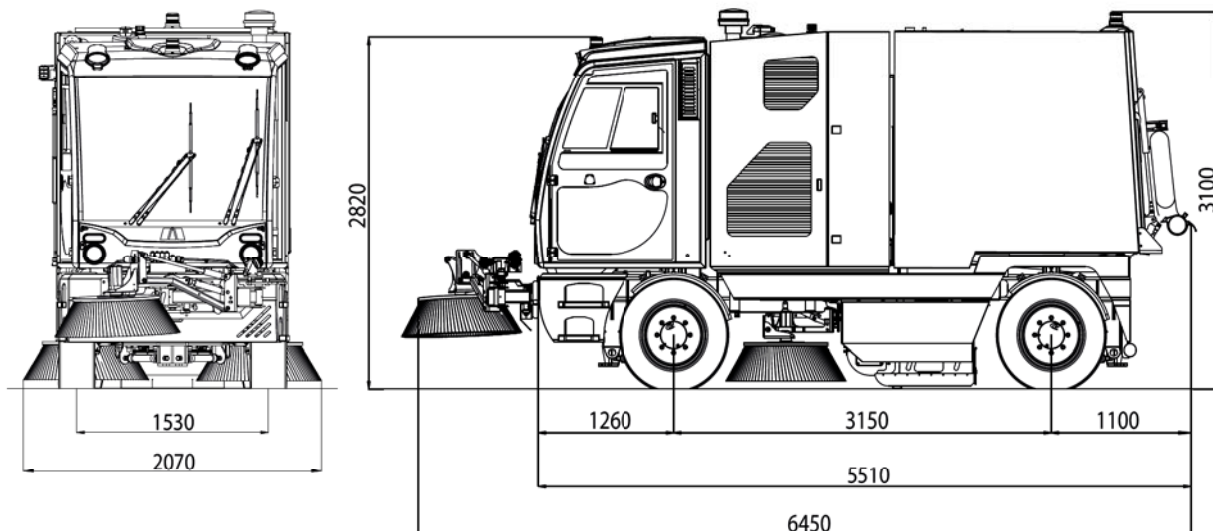


MACRO
CLEAN

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M60 PLUS

Stage IIIA / Stage V
6 m³ Mechanical-suction road sweeper



VEHICLE FEATURES

Volvo engine version	Stage IIIA or Stage V
Displacement / no. cylinders	5130 cm ³ / 4
Power	105 kW / 143 Hp
Fuel	Diesel
Cooling system	Water
Maximum speed	42 km/h
Maximum gradient full load	20%
Homologated seats	2
Driver's position	Right Hand Side
Brake system	Servo assisted hydraulic brake
Parking brake	Negative parking brake
Steering system	4 steering wheels hydraulic
Front suspension	Hydro-pneumatic
Rear suspension	Hydro-pneumatic
Transmission	Hydraulic automotive drive system
Min. turning radius without/with front brush	4250/4500 mm
Steering wheels	4
Tires	295/60 R22.5
Lighting system	Homologated
Beacon light	Two stroboscopic

WEIGHT

Weight empty without/with front brush	7350/7490 kg
Weight full load with front brush	13550 kg
Payload	6060 kg

SWEEPING PATH

Sweeping system	Mechanical-suction-filtered
With central brush	1300 mm
With right hand side brush	2100 mm
With both side brushes	2800 mm
With frontal brush	3700 mm

BROOMS

Main broom	1 in PPL/Steel
Side brush	2 in PPL/Steel
Central brush pressure adjustment	In cab hydraulic
Side brush pressure adjustment	Mechanical

HOPPER

Volume	6,2 m ³
Discharge height	1100 mm (2500 opt)
Hopper material	Stainless steel
Tailgate opening	90° hydraulic

SPRINKLING SYSTEM (OPT)

Tank capacity	620 l
Tank material	Stainless steel

VACUUM SYSTEM AND DUST CONTROL

Turbine's number	1
Turbine's type	Hydraulic
Dust filter	20 m ²
Filter shaker	Hydraulic
Vacuum tube (opt)	6m length/ø140mm

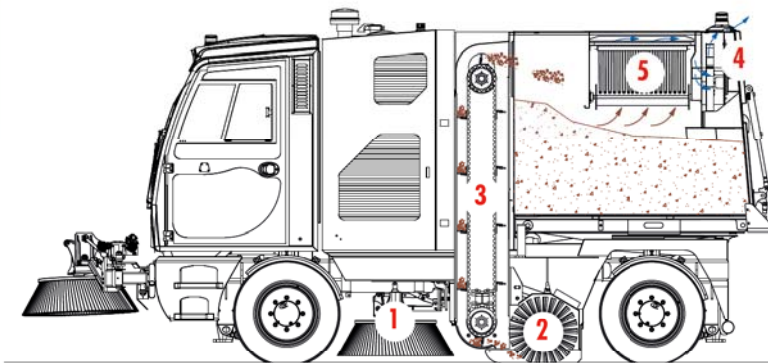
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MAIN FEATURES

- Four steering wheels
- Automatic brushes raise in reverse gear
- Vertical loading conveyor hydraulically belt driven
- Vertical conveyor overload protection system
- Vertical conveyor reverse
- Effective washing system of loading conveyor's upper gears
- Replaceable bolted steel plates on vertical conveyor's upper/lower casing
- Automatic water sprinkling broom stop when machine is not moving
- Air conditioning system in the cabin (cold/warm)
- Colour video camera for rear vision with dedicated monitor in the cabin
- Pressurized cabin with fine dust filtration
- In-cab monitor with partial/total hour-counter
- Cruise control
- CAN BUS
- "EASY START" function for simultaneous operation of all work functions
- Side panels treated in cataphoresis
- Complete equipment of security systems
- Designed to guarantee easy access and maintenance of components

OPTIONAL

- 180° right/left-hand front pivoting brush assembly (3300mm total sweeping width)
- Right/left-hand side brush casing kit for dry dust-control on side brushes
- Water spraying system for r/l-hand side brushes with 620 L stainless steel water tank
- High pressure washing system (140÷200bar) w. spray gun and 12m-hose reel
- Hopper hydraulic high dump mm 1100÷2300
- Lockable rear steering
- Heavy-duty rear vacuum wand complete w. flexible hose (6m total length/140mm ø)
- Ultra-high performance Tetratex dust-filter PM1 (99,5%)
- Magnetic bar
- Water sprinkling bar
- Centralized manual greasing system (grease pump not included)
- Personalized colour



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).

MACROCLEAN

Macroclean today is a strong presence in municipal and heavy industrial sweeping sector and proposes an innovative range of sweepers, both suction and mechanical / suction, from 0.3 to 6 m3 hopper size. The company has developed extensive experience in machines design with exceptional cleaning performance and more. Thanks to the use of latest generation engines and filtering systems, roads and large industries are cleaned with the utmost respect for the environment. Today modern technologies allows a large number of automatic works and Macroclean uses all these possibilities to the benefit of drivers. Doing so makes the machine easy and pleasant during long working hours.

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NEW GENERATION SWEEPERS FOR CITIES AND INDUSTRIES

M7

**SUCTION SWEEPING SYSTEM
800 LT HOPPER VOLUME
2300 MM MAXIMUM CLEANING WIDTH
FOUR HANDS SWEEPING TECHNOLOGY
REAR SUCTION**



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M40 PLUS

**MECHANICAL SUCTION SWEEPING SYSTEM
4M³ HOPPER VOLUME
3300MM MAXIMUM CLEANING WIDTH
4-WHEEL POWER STEERING
ONE TOUCH OPERATION**

