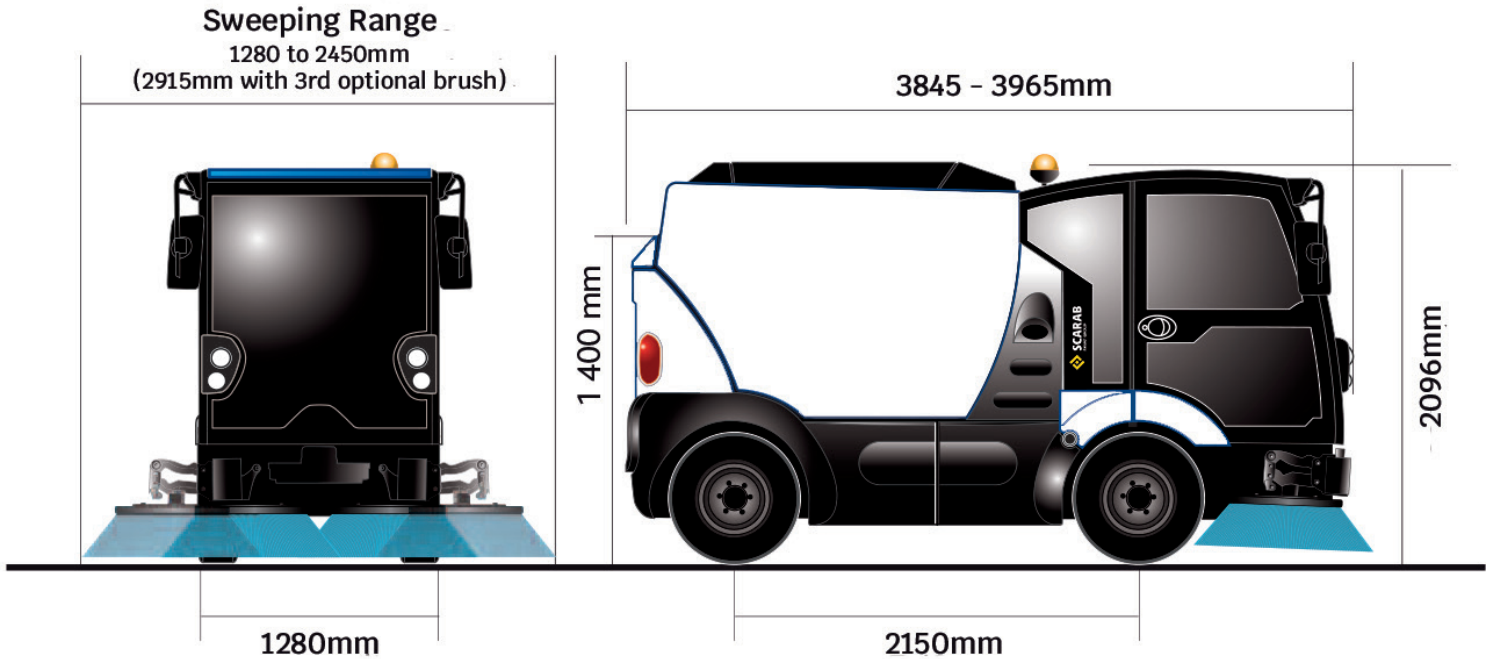


# MC210

## DIMENSIONS, WEIGHT, CAPACITIES



### GENERAL DATA

Gross Vehicle Weight	5 Tonne GVW
Wheelbase	2150mm
Overall Length*	3852mm
Overall Height*	2089mm
Discharge Height	1400mm
Discharge Angle	45 degrees
Door Opening Angle	90 degrees
Filter Mesh Type	Perforated Stainless Steel
Low Pressure Pump Output	10 lpm / 10 bar
Turning Circle - Kerb to Kerb	3.150m
Turning Circle - Wall to Wall	3.700m
Sweeping Speed	0-15kph (9mph)
Travel Speed	50kph (30mph)
Steering	4 Wheel Steer
Gradeability	28%
PM10 Rating	3 Stars

### SWEEPING EQUIPMENT

Front Brush Diameter	700mm
Side Brush Diameter	500mm
Widesweep Brush Diameter	320mm
Brush Speeds	60-120rpm
Side/Front Brush Life	80 Working Hours
Widesweep Life	125 Working Hours
Suction Tube Diameter	200mm
Nozzle Width	490mm

### CAPABILITIES

Hopper Volume**	2.1m <sup>3</sup> Nett
Hopper Volume**	2.5m <sup>3</sup> Gross
Actual Payload Capacity*	Up to 1800kg
Fuel Tank	60 litres
Water Tank	450 litres
Hydraulic Tank	40 litres

\*\* All Scarab Hopper Capacities are measured in accordance with European Standard EN15429

### ENGINE DATA

Type	Max Power/Torque	EU Emissions Level	Aspiration
VM R754EU6/Kubota V3800	62kW @ 2000rpm/55.4kW @ 2000rpm	Euro VI/Tier IV - Stage IIIB	Turbocharged/Intercooled

# TECHNICAL SPECIFICATION

## MC210

Scarab Sweepers Ltd,  
Pattenden Lane, Marden,  
Kent. TN12 9QD  
Tel: +44 (0)1622 831006  
Fax: +44 (0)1622 832417

[www.scarab-sweepers.com](http://www.scarab-sweepers.com)

### HYDROSTATIC SYSTEM

- Infinitely variable speed control to optimise sweeping
- Selection of hydrostatic forward/reverse by single lever
- Vehicle speed from zero up to 30mph (0-50kph)
- 28% gradeability fully laden

### SUCTION FAN

- 650mm diameter
- Rubber-mounted
- High rpm, low noise
- Capacity 13000 m<sup>3</sup>/hour

### SUCTION NOZZLE

- Robust all-steel construction
- 540mm mouth width
- 250mm diameter suction tube
- Adjustable wear-resistant flaps
- Low-Pressure water jets
- Heavy duty rubber-tyred wheels

### BRUSHES

- 900mm diameter polypropylene front brushes optional
- Variable speed to all brushes controllable from the cab

### HOPPER

- Hopper capacity 2.0m<sup>3</sup> constructed entirely of corrosion-resistant stainless steel
- Hydraulically-operated hopper door
- Hydraulically-operated hopper with safety prop
- Body drains at both sides of hopper
- Visibility hatches at both sides of the hopper
- Stainless steel mesh suction filter screen
- Easy access for suction fan cleaning

### HYDRAULIC SYSTEM

- Zinc plated steel piping where possible

- Filters to ensure maximum protection
- Hydraulic valve block in easily-accessible location
- 60 litre plastic oil tank with return filter
- Low oil automatic shut-off with sight glass

### TYRE SIZE

- 225/65 R16C Front & Rear

### WATER SYSTEM

- Low pressure water pump for dust suppression
- 10 lpm / 10 Bar

### WATER TANK

- 300 litre integral plastic water tanks (150 litres each side)
- Sight glass with fill level indicator

### ERGONOMIC CAB

The fully-appointed sound insulated and rubber mounted cab includes cloth

upholstered drivers seat and vinyl secondary passenger seat. It also includes a laminated windscreen and sliding windows in each door, as well as fully glazed doors for extra visibility. There is also a glazed hatch in the cab floor for suction nozzle visibility and a fully adjustable steering column for driver comfort.

### ELECTRONIC CONTROL

The proven electronic control system brings all controls ergonomically to hand with a compact panel mounted on the driver's armrest containing all controls for operating the main sweeper function. Additionally, the bright displays show relevant operating data.

SWEEPING WIDTHS	
Suction Nozzle only	540mm
Suction Nozzle and Brushes In	1280mm
Suction Nozzle and Brushes Out	2450mm

### OPTIONS

A comprehensive Options List is available for the MC210 including:

- Wanderhose
- Brush angle adjustment in-cab
- Panoramic heated mirrors
- Air-suspended high-back driver's seat
- Additional beacons

Please contact the Scarab Sales Department for more information.

