



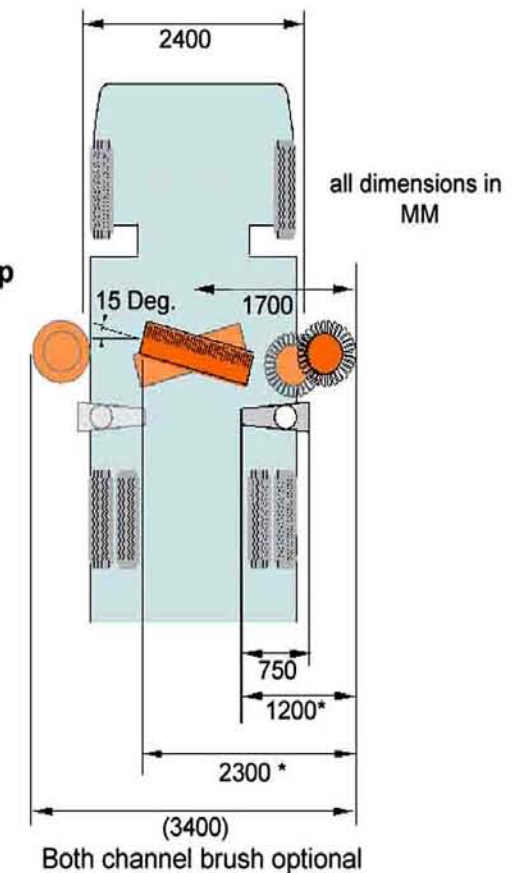
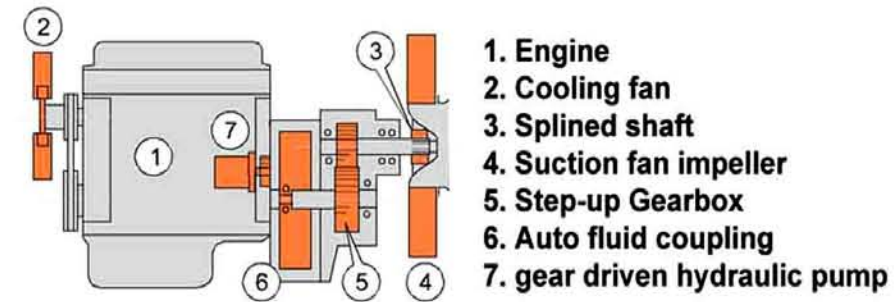
SOKHI SWEEPERS

S-650

Designed to meet the requirements of the most demanding municipal and contractor applications. Mounting to the subframe, the hydraulically operated sweeping system is designed to prolong the life of the brush and reduces the cost of ownership.

All twin-engined S-650 sweepers are powered by a dedicated high performance auxiliary engine. with heavy-duty, corrosion-resistant stainless steel body, Sokhi S-650 range is robustly built for unrivalled durability. with the constant increase in tipping charges, the standard load de-watering system ensures that you only pay for waste volume-not unnecessary water. Sokhi S-650 range sweepers can be mounted on chassis between 10-16 tonnes chassis.

S-650 is the versatile machine ideal for a variety of sweeping applications.



Base specifications

Performance Data

Body

Stainless steel (202 grade) body with integral water tank. debris hopper largest in its class 6.5 cumtr. Engine unit with frequency matched soundproofing material safet prop with automatic and multi position mechanism.

Suction Nozzels

Both side suction nozzels with special low noise suction system with 250 mm diameter. Tool free adjustment.

Channel Brush

Dual side channel brush with quick release system with variable speed from cab.

Wide Sweep Brush

Quick release brush system with a nominal 160 Rpm rotation speed.

Dust Supression System

Dust supression spray lacated at suction nozzels channel brushes and across front of vehicle Diaphrargm type water pump runs continuously is and able to run dry

Electrical system

24 volts
all external looms are fully automotive IP65 rated

Controls

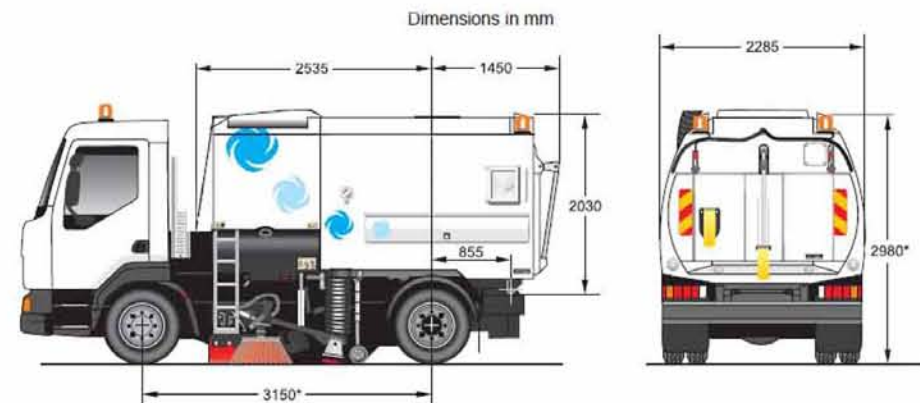
Master control panel mounted inside chassis cab all sweep control and engine readings.
* Engine hour meter
* Engine Rpm gauge
* Engine Temp. gauge
* Engine oil pres. gauge
hand-held remote for hopper, lock and prop. fucn.

Sound Power Level

<75 dB(A) in cab (chassis dependent)
LWA 112 dB(A) measured in accordance with EC directive 2000/14/EC.



Technical Specification



Data and Performance Information

Aux. Engine



Model : Kirloskar R1040T / Cummins 4BT
Gross Rated Power: 105 Hp@2200 Rpm
Maximun Torque: 375Nm@1500 Rpm
No. of cylinder: 4 No.
Ambient Tempreature: 50 C worldwide approval

Capacities



Hopper voided volume: 6.5m³ nominal
Payload voided volume: 5.7m³ nominal
Payload capacity: 6 Tonnes (chassis dependent)
Fuel Tank: 190 Liter
Water tank: 1900 Liter
Hydraulic system: 75 Litres

Sweeping Equipment



Channel Brush: Dia 500 mm
Wide sweep Brush: 406 mm
CB life expected: 80 working hrs. approx. (nom)
WSB life expected: 150 working hrs. approx. (nom)
Nozzel Trunking Dia: 250 mm
Nozzel width: 750 mm

General Data



Chassis requirement: 13-15 tonnes
Wheel Base: 3150mm nominal
Dump height: 1000 mm (nom)
Dum Angle: 54 Deg. nominal
Water pump: 35ltr/min.
Hydraulic pump: 32ltr/min.
Sweeping Speed: 2-15 kph (chassis dependent)



S-650

Outstanding Performance For Every Application



S-650 Features



- 1. Direct hydraulic drive side brushes
- 2. 250 MM suction hose
- 3. Hopper In build water tank

- 4. Largest Stainless steel debris hopper 6.5 Cumtr.
- 5. Sound Insulated cab for aux. engine
- 6. Front mounted water nozzels bar





MFG. BY:

SOKHI MANUFACTURING COMPANY

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SOKHI - S650 Sweeping Product Line



Sweeping Solutions