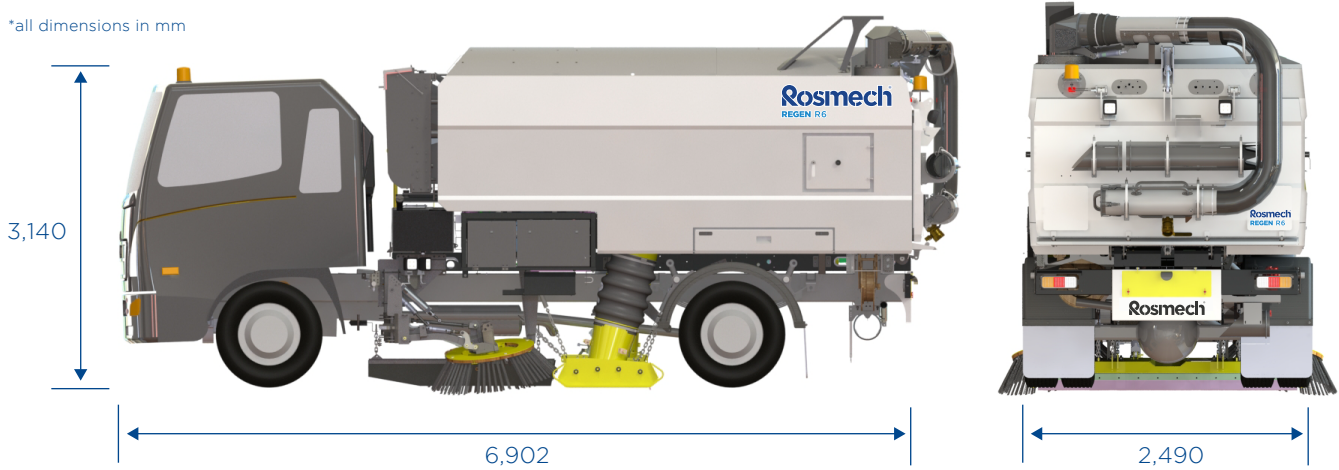




# REGEN R6

## R6 REGENERATIVE AIR ROAD SWEEPER

\*all dimensions in mm



## SWEEPER BODY SPECIFICATIONS

### OVERALL SWEEPING WIDTH

With one broom	2650mm
With dual brooms	3300mm
With suction head	2150mm

### ELECTRICAL SYSTEM

Display	Murphy 7" colour
Communication	CAN J1939
Outputs	Solid-state
Protection	Auto resettable
Controls	24 volts

### DEBRIS HOPPER

Capacity	6 cubic metres
Construction	Heavy gauge stainless steel
Dumping	Hydraulic
Inspection doors	One each side of hopper
Dumping controls	In cabin
Dumping height	1,100mm
Dumping tilt angle	52°
Interior finish	Natural stainless steel
Exterior finish	Painted, white
Wander hose & nozzle	200mm x 4,000mm length

### AUXILIARY ENGINE

Model	QSB 4.5
Induction system	Turbo
Manufacturer	Cummins
Combustion system	Direct injection diesel
Number of cylinders	4
Displacement	4.5 litres
Bore	107mm
Stroke	124mm
Power (net)	82kW (110BHP) @2200rpm
Torque (net)	488Nm @ 1500rpm
Cooling system	Liquid cooled
Oil filter	Spin-on
Air cleaner	Dry type
Starter	24 volts
Alternator	24 volts, 85 amps
Battery	24 volts, 2 x 80 amps
Safety shutdown	Automatic

### SUCTION FAN

Type	Centrifugal fan
Drive	3 XPB section V belt
No. of blades	10
Diameter	810mm
Mounting	2 sealed bearing units
Construction	Welded HARDOX steel blades

### SUCTION FAN CASING

Construction	Welded mild steel
Liner	Replaceable rubber
Vacuum enhancer	For light/heavy material

### SWEEPING HEAD

Type	Dual chamber full width blast orifice
Operating direction	Forward
Suspension	Adjustable spring balance
Full width	2,150mm
Suction hose diameter	350mm
Blast hose diameter	350mm
Hose construction	Reinforced moulded rubber mild steel
Skids	With tungsten carbide inserts
Controls	Hydraulic raise & lower
Front skirt	Full width, adjustable

### GUTTER BROOM

Type	4 segment steel tined
Diameter	1,100mm
Drive	Hydraulic motor
Speed	Variable non-reversing
Tilt adjustment	Electric in-cab

### HYDRAULIC SYSTEM

Type	Gear pump
Fluid capacity	70 litres
Drive	Direct drive
Filter	10 micron spin-on
Strainer	80 mesh

### DUST CONTROL

Water	1,000 litres
Tank construction	Polypropylene
Fill diameter	50mm (pipe) / 100mm (tank opening)
Controls	Electric in-cab

## HINO FG 1628 AUTO CAB CHASSIS SPECIFICATION

### CAB CHASSIS

Manufacturer	HINO
Model	FG 1628 Short Wheel Base Auto
GVM	16,000kg
GCM	32,000kg
Wheel base	3,730mm
Turning circle radius	13,200mm
Cab type	Cab over engine
Engine access	Electro hydraulic cabin tilt
Electrical system	24 volts
Fuel tank capacity	270 litres

### ENGINE

Make	HINO
Model	J08E-WA
Number of cylinders	6
Displacement	7.687 litres
Power (net)	206kW (280HP) @ 2,500rpm
Torque (net)	883Nm @ 1,500rpm
AdBlue tank capacity	19L

### BRAKES

Type	Full air, dual circuit, "S" cam
ABS	Equipped
Air dryer	Equipped

### TRANSMISSION

Model	ALLISON 3000
No. of gears	6 forward / 1 reverse

### STEERING

Type	Recirculating ball with internal power steering
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### TYRES & WHEELS

Tyres front	295/80R22.5 - 152/148
Tyres rear	11R22.5 - 148/145
No. of wheels	Front: 2 / Rear: 4 / Spare: 1