

Johnston CN201 Sweeper Specification Sheet

Data and Performance Information:

Engine Option Euro 5	
Model	VM R754 ISE4 (D39D/2) direct Injection, turbocharged intercooled diesel engine
Cubic capacity	2.970 litres
No. of cylinders	4
Gross rated power	55 kW (74 bhp) @ 2300 rev./min.
Maximum torque	310 Nm (228 lb.ft.) @ 1100 rev./min.
Legislation compliance	Directive 97/68/EC as last amended by Directive 2011/88 EC

Performance	
Tare Weight	2700 kg (dependant on option)
GVM	3500 kg, 4000 kg, *4500 kg. (*Where local homologation allows)
Payload	800 kg, 1300 kg, 1800 kg. (dependant on options)
Maximum speed	Up to 40 km/h
Sweeping speed	0 to 16 km/h
Sweep rate/output	36,800 m ² /hr (theoretical max)
Gradeability forwards	Up to 30%
Sweeping operational rpm	1000 - 1480 rpm
Transit operational rpm	Up to 2250 rpm

Sweeping Equipment	
Brush diameter	850 mm
Brush speed	Variable up to 125 rev./min.
Nozzle width	815 mm
Hopper discharge height	1.525 m

Capacities	
Hopper voided volume	1.8 m ³ , 4003 stainless steel hopper
Payload capacity	1.5 m ³
Fuel tank	52 litres
Clean water tank	175 litres
Recirculation system	250 litres
Total water systems	425 litres

