

RAVO 5 iSeries TECHNICAL SPECIFICATIONS

Dimensions, Weight, Capacities		
Length	178 inch	
Width incl mirrors	89 inch	
Sweeping width	95 inch	
Max. sweeping width incl. third brush	134 inch	
Wheelbase	71.5 inch	
Turning radius curb to curb	199 inch	
Gradeability [%]	Up to 30%	
Gross vehicle weight	25,132 lbs	
Capacity fuel tank	28 gal	
Capacity water tank	160 gal	
Suction system		
Capacity blower	14,000 CFM	
Suction nozzle dimensions l x w	4.7 x 24.8 inch	
Suction nozzle material	Corten steel (optional linatex lining available)	
Suction tube diameter	8.9 inch	
Suction tube material	Stainless Steel (optional linatex lining available)	
Broom system		
Type	RAVO maintenance free pulling brush system	
Available broom diameter	35 inch	
Broom rotation speed	0 - 210 rpm	
Well-being		
Noise emission LWA	79 dBA at 50 feet distance	
Dust filtration	EUnited PM10 Certified*	
Brakes & Electricity		
Front brakes	Hydraulically operated disk brakes	
Rear brakes	Hydrostatic hydraulically actuated servo drum brakes	
Front suspension	Independent hydro-pneumatic suspension	
Rear suspension	Rubber cone springs	
Battery	2 x 12 / 72	
Alternator	90 amperes	
Voltage (V)	24, with running engine 28	
Maintenance		
Container Material	Stainless Steel inside / ABS cover outside	
Total amount of greasing points in sweeper	15	
Warranty	2 years or 2000 engine hours whichever comes first	
Optional Equipment		
Wander hose	8 inch diameter	
Third broom/Weed cutter	Mounted in front: 30 inch diameter	
Silent package Lwa	65 dBA at 50 feet distance	
High pressure water pump	4 gal per min. @ 2,175 PSI	
Camera	Suction mouth, side view and rearview	
Extra water capacity	Up to 400 Gallon	
Engine & Drive system		
	Emission level Tier 3	Emission level Tier 4 final
Engine type	Iveco N45 ENT Diesel 4 Cyl.	Cummins QSF3.8 Diesel 4 Cyl.
Displacement	4.5 L	3.8 L
Maximum torque	413 lb.ft @ 1400 rpm	360 lb.ft @ 1600 rpm
Maximum power	141 hp @ 2200 rpm	138 hp @ 2300 rpm
RAVO drive type and drive line system	Linde / Hydrostatic Continuously Variable	Linde / Hydrostatic Continuously Variable
Tipping		
	Gross volume	6.5 cu yd
	Net volume	5.6 cu yd
	Height	106 inch
	Dumping height	3.3 ft
	Total empty weight (curb weight)	13,110 lbs
	Payload	12,125 lbs
Container dump		
	Gross volume	5 cu yd
	Net volume	4.3 cu yd
	Height	98 inch
	Dumping height	5.3 ft
	Total empty weight (curb weight)	13,580 lbs
	Payload	11,570 lbs

*Special package