



R5e TECHNICAL SPECIFICATIONS

Suction System

Suction Nozzle Dimensions (L x W)	112 x 630 mm
Suction Nozzle Material	Corten Steel (Optional: Wear Resistant Coating)
Suction Tube Diameter	225mm
Suction Tube Material	Stainless Steel (Optional: Wear Resistant Coating)

Brush System

Type	Maintenance Free RAVO System
Operation	Hydraulic with Joystick
Brush Diameter	900 mm (Optional: 700 mm)
Brush Rotation Rate	0 - 210 rpm

Brakes

Front Axle Brakes	Disc Brakes
Rear Axle Brakes	Drum Brakes
	Electrically Regenerative
Front Suspension	Independent Hydropneumatic
Rear Suspension	Rubber Cone Springs

Maintenance

Hopper Material	Stainless Steel (Interior) / ABS Plastic Cladding (Exterior)
Number of Lubrication Points	15
Battery Warranty***	5 Years or 8000 Operating Hours
Warranty***	2 Years or 2500 Operating Hours

Wellbeing

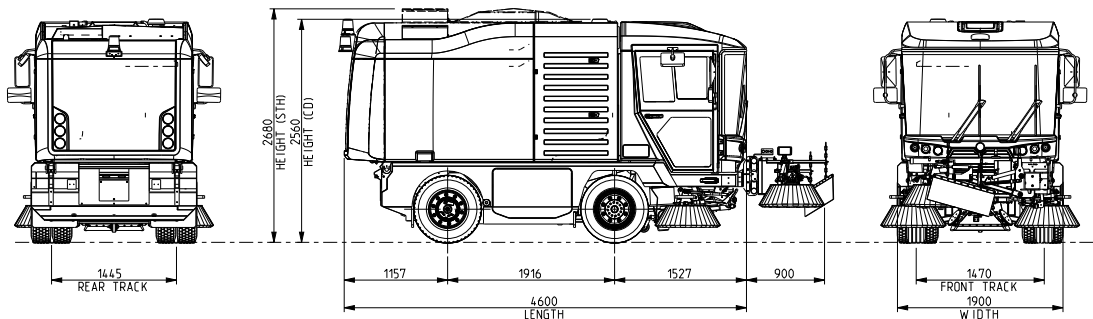
Noise LPA (Inside Cabin)	61 dB (Inside Cabin)
Noise LWA (Outside Cabin)	93 dB (Outside Cabin)



Electric Motor & Drive System

Battery Capacity	100 kWh / 480 volt
Battery Type	Lithium Iron Phosphate (LiFePO4)
Max. Torque / Power	765 (Nm) / 150 kW (peak) - 70 kW (nominal)
Chargers (Included with Machine)	22 kW AC Internal
Powertrain	Electric Three-Phase Permanent Magnet Motor
Performance*	Completes a Full Shift
Transit Speed**	0 - 42 km/h

Standard vs. Container Dump



	Standard
Gross Volume	5 m³
Length	4625 mm
Height	2705 mm
Dumping Height	850 mm
Width (inc. Mirrors)	2280 mm
Wheelbase	1916 mm
Sweeping Width	2200 - 2400 mm
Vehicle Weight	11400 kg
Min. Total Kerb Weight	6500 kg
Max. Load Capacity	4900 kg

	Container Dump (CD)
Gross Volume	4 m³
Length	4625 mm
Height	2560 mm
Dumping Height	860 - 1550 mm
Width (inc. Mirrors)	2280 mm
Wheelbase	1916 mm
Sweeping Width	2200 - 2400 mm
Vehicle Weight	11400 kg
Min. Total Kerb Weight	6710 kg
Max. Load Capacity	4690 kg

* Depending on user profile and use of opportunity charging. ** Depending on local legislation. *** Whichever is reached first.