Electric Wheelbarrow / Electric Wheel Dumper

Technical specifications · Jointly developed by Elexiq and MaxBeton

SPECIFICATION	ELECTRIC WHEELBARROW
Max load capacity	500 kg
Load capacity on gradient	500 kg at 18°
Gradient capability	15° (full load); 300 kg on 30°
Battery	3.07 kWh
Battery type	Lithium-ion (LFP)
Charging time	4 hours
Runtime	10–12 hours
Motor type	PMSM with controller
Motor power	2 kW
Motor protection	IP67
Maximum speed	5.0 / 4.0 / 2.5 km/h (three-speed option)
Reverse speed	3.0 km/h
Speed modes	3-speed forward + 1-speed reverse
Brake type	Electromagnetic brake + drum brake
Parking brake	Electromagnetic brake
Dumping system	Electro-hydraulic dumper
Bucket material	High-quality steel with powder coating
Attachments	Bucket, flatbed, roll cage, scissor platform (pin-lock interchange)
Tyre type	Pneumatic and solid options available
Lighting	LED strip headlamps
Horn	Installed
Machine width	830 mm
Machine length	1870 mm
Height	1070 mm
Weight	225 kg
Safety feature	Emergency cut-off with MCB

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Specifications may change as the product is improved.