

TAURUS 500 ELECTRIC

Mini-dumper 500 kg - electric, lithium batteries

ZERO EMISSIONS

Standard Equipment

- ✓ Skip fitted to mount self-loading shovel
- ✓ Sealed wheel bearings to prevent ingress of dirt
- ✓ Hardened driving wheels for longer life
- ✓ STCS (Self Tension Crawler System)
- ✓ Lithium (NCM/NCA) 4kWh 80Ah 50V rated batteries (2 battery packs)
- ✓ Portable battery charger 25A/50V (external to the machine)
- ✓ Display with charge level indicators



Applications

Zero emissions and maximum productivity. It is the ideal solution for any type of construction site requiring compact units and rigid limitations in terms of respect for the environment. The mini-dumper Taurus 500 Electric is equipped with two interchangeable battery packs, making it always available to work on any construction site, without long breaks necessary for charging. Automatic idle and intelligent speed control ensure efficiency by maximizing productivity. Low level of noise and vibration. Lower operating costs compared to corresponding machines with internal combustion engines (no filters, engine oil and spark plugs).

3 speeds

Three electric speeds selectable based on the type of work to be done.

Display on the console

It allows to check the battery charge percentage and the main machine parameters.

Autoidle function

The automatic idle function, which can be deactivated if necessary, decreases the engine revolutions in stall or low load conditions to reduce battery consumption.



TAURUS 500 ELECTRIC		
		C-Electric CP-Electric A-Electric
Engine		E-Power
Engine power	kW/rpm	3 (Peak) / 3000
Operating load	kg	500
Skid capacity	mc	0.22
Max travel speed	km / h	2
Max allowed slope when empty (guide with operator on the ground, where applicable)		20° - 36%*
Max allowed slope when loaded (guide with operator on the ground, where applicable)		11° - 20%*
Loading bed dimensions with closed sides l/w/h (with opening sides l/w)	mm	900/620/200 (1120/1150)
Controls		DCS (Direct Control System)
Hydraulic tank capacity	l	15
Batteries		Lithium (NCM/NCA) 4kWh 80Ah 50V rated (std. 2 battery packs)
Battery charger		25A/50V
Charge time	h	2
Battery duration (with Duty Cycle K1)	h	2.5
Speed control		3 speed selector
Traction motor		Orbital
Machine weight with tipping bucket	kg	330
Machine weight with tipping bucket and self-loading shovel	kg	385
Machine weight with loading bed with opening sides	kg	345

(*) Variable based on the configuration

Lithium batteries

- 2 interchangeable and removable batteries, with high charging capacity and fast charging
- Low weight and maintenance-free
- Machine operation even with 1 battery
- Integrated battery charger on board with plug for connection to 230V/50Hz mains and LED to indicate charging in progress
- Full operation even at very low temperatures thanks to the internal heating circuit of the batteries
- BMS electronic system (Battery Management System) with display for diagnostics
- IP 67 rating of insulation from external agents



Accessories

CODE	DESCRIPTION
1108050	TAURUS 500 C-Electric Lithium batteries, tipping bucket
1108051	TAURUS 500 CP-Electric Lithium batteries, tipping bucket and self-loading shovel
1108053	TAURUS 500 A-Electric Lithium batteries, loading bed with opening sides

CODE	DESCRIPTION
1108152	Lithium battery 2kWh 40Ah 50V
1108153	Battery charger 25A/50V
1108192	LED spotlight
1108154	Splitter kit for simultaneous battery charging