

MTE106H

- ◆ High reliability: dual power supply configuration, dual motor system, dual braking.
- ◆ Management system: The battery is always at an efficient operating temperature Energy.
- ◆ Recovery system: braking energy recovery under downhill conditions, reducing energy consumption costs by about 60% compared with fuel vehicle.

Performance Parameters		
Machine Maximum Mass	kg	114300 (400kWh) / 115500 (600kWh)
Pay Load	kg	70000
Kerb Mass	kg	43700 (400kWh) / 45500 (600kWh)
Maximum Speed	km/h	40/40
Minimum Turning Diameter	m	≤26
Max Gradeability		≥30%
Drive Mode		6×4
Container Lifting/Lowering Time	s	≤30

Main Dimensions		
Overall Dimension	mm	10150×3750×4300
Min Ground Clearance	mm	350
Wheel Base	mm	4500/1750

Power Module-Dual Drive Motor		
Rated Power	kW	500(250×2)
Rated Speed	r/min	1800
Rated Torque	Nm	2660(1330×2)
Peak Power	kW	800(400×2) / 60s
Peak Speed	r/min	3500
Peak Torque	Nm	4800(2400×2) / 60s

Transmission Module		
Model		3S5600E
Type		Fixed-shaft type
Gear Ratio		4.52/1.94/1
Front Axle Assembly		Integral steering non-driven axle
Middle & Rear Axle Assembly	t	40 + 40
Wheel		16.00R25

Suspension System		
Front Suspension		Front hydro-pneumatic suspension + V-type four-link guide mechanism
Rear Suspension		Leaf spring + maintenance-free balance shaft + tiero

Brake Module		
Brake System		Dual-circuit air drum brake
Parking Brake System		Spring-loaded energy-released drum brake
Auxiliary System		Motor braking

Hydraulic Module		
Steering System		Open system, steering pump 25
System Pressure	MPa	17
Lifting System		Gear PumpDDB-C120

Electrical Module		
Rated Voltage	V	618.24
Voltage Range	V	480 to 700.8
Max Charge/Discharge Current	A	400kWh: Continuous 600 A / Peak 1000A(60S) 600kWh: Continuous 900 A / Peak 1300A(60S)
Rated Capacity	Ah/kWh	400kWh: 648/400 600kWh: 972/600

Body Module		
Type		Baffle box
Internal Dimensions (L × W × H)	mm	6100×3500×1950
Volume (struck/heaped)	m³	40/46
Rated Capacity	mm	Bottom plate 16, side plate 10, rear plate 14

Oil filling capacity		
Hydraulic Oil	L	135
Middle Axle Gear Oil	L	21+6.5×2
Rear Axle Gear Oil	L	17+6.5×2
Transmission Gear Oil	L	8
Brake Fluid	L	1.5

Optional

- * Tire Pressure Monitoring System
- * Centralized Lubrication System
- * 480kW/720kW Charger
- * Raised tail Dump Body

CE Comply with CE Standard

临工重机股份有限公司

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MAX. GROSS MACHINE WEIGHT	114.3/115 .5t (400/600 kWh)
NET MACHINE WEIGHT	43.7/45 .5 t(400/600 kWh)
PAYLOAD	70t
MOTOR TYPE	500kW Dual Motor
STRUCK CAPACITY	40m ³
HEAPED CAPACITY (SAE 2:1)	46m ³

可靠承载重托
RELIABILITY IN ACTION



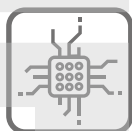
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临工重机股份有限公司
LINGONG HEAVY MACHINERY CO., LTD.