

08 Product Parameters



Vehicle dimensions

Project	EM186H
Body length	12,500mm
Body Width	4,260mm
Body height	4,900mm

Weight parameters

Project	EM186H
Curb weight	58t
Maximum Total Mass	188t
Rated Payload	130t

Cargo box parameters

Project		EM186H
Cargo box volume		75/85m³
Cargo box lifting/descending time		35/30s
Maximum internal dimensions of cargo box	Length	8,650mm
	Width	3,900mm
	Height	2,415mm

Project		Parameter
Engine	Model	Yuchai YCK16775-T30
	Displacement	16L
	Rated Power	570kW/1,900rpm
	Maximum torque	3,200Nm/1,300-1,500rpm
Gearbox	Main Drive	Fast
	Auxiliary Drive	4-speed AMT Transmission
Driving motor power		260/400kW
Power Battery	Power	118kWh
	Type	High-ratio Lithium Battery
Driving mode		8x6
No-load Maximum Speed		40km/h
Climbing ability		30%
Steering Performance	Steering method	Full Hydraulic 1st & 4th Axle Biaxial Steering
	Minimum turning radius	12,500mm
	Minimum Turning Radius	14,500mm
Axle and Hub		35+45+45+60
Tire		460/95R25, 480/95R29
Braking Performance	Parking Brake Type	Spring brake off
	Parking Gradient	≥25%
	Driving Brake Type	Air-controlled Dual-circuit Drum Brakes + Motor Retardation + Engine In-cylinder Braking
	30km/h Full Load Braking Distance	≤15.75m
Cabin	Suspension	Semi-suspended structure
	Seat	Gas Spring
	Instrument	LCD instrument + 10-inch liquid crystal screen air conditioner + warm air
	Air Conditioner	
Fuel Tank Capacity		1,000L
Approach angle		24°
Departure corner		65°
Minimum ground clearance		415mm
Suspension structure		Full oil-gas suspension