

TS50-200

50T Prime Mover



Internal layout



TS50-200 specifications

Basic Parameters	Model	TS50-300
	Fuel	Hydrogen
	LHD or RHD	RHD
	Passenger Capacity	1 Driver / 1 Passenger
	Dimension (L*W*H, mm)	8700 × 2500 × 3950
	GCM (kg)	50,000
	Tare (kg)	12,250 (6100F / 6150R)
	Approach/Departure angle (degrees)	13/30
	Min. Turning Diameter (m)	≤19.3
	Max. Grade (% , 1 min)	25%
	Continuous Max. Grade (%)	12%
Top Speed (km/h)	100	
Range	≥500km	

TS50-200 specifications continued

	Description	Standard	Component Brand	
Power System	Traction Battery	58 kWh	✓ CATL	
	Hydrogen Fuel Cell	200kW	✓ Ballard	
	Drive Motor	TM4	✓ Dana	
	Controller	TM4	✓ Dana	
	Hydrogen Tanks	700BAR / 364L x 4	✓	
	Air Compressor	Electronic air compressor	✓	Piston Type
	Steering Pump	Electric steering pump	✓	
Chassis	Suspension	Air suspension	✓ Hendrickson	
	ECAS	WABCO	✓ WABCO	
	Front Axle (1)	Disc brake – Steer axle	✓ Hendrickson	
	Rear Axle (2)	Disc brake – Drive axle	✓ Spicer	
	Rear Axle (3)	Disc brake – Drive axle	✓ Spicer	
	Tire	295/80R22.5	✓ Michelin	
	Rim	22.5x8.25	✓ Aluminum	
	Steering System	Hydraulic power steering	✓ ZF / Bosch	
	Braking system	WABCO ABS braking system	✓ WABCO	
Safety and Electrics	ADAS	Lane departure warning system	Optional Mobileye	
	Dashboard	ACTIA	✓ ACTIA	
	Camera System	Reversing cameras and buzzer	✓	
	Exterior Lamps	LED	✓	
	LV Battery	24V maintenance free	✓	
	A/C	Cooling and heating A/C	✓	
	Floor heater	Driver's area heating		N/A
	Fire Extinguisher	HV compartment	✓	
	Demister	PTC heater	✓	
Body	Body Structure	Monocoque structure, European stainless steel	✓	
	Body Style	Prime Mover – New Energy style	✓	
	Wheelchair Ramp			N/A
	Side Window	Electric	✓	
	Floor Mats		✓	
	Floor	Vinyl	✓	
	Destination Sign			N/A
	Rear-view Mirror	Camera mirrors	Optional	
	Front Service Door			N/A
	Middle Service Door			N/A
	Driver Seat	Air ride driver's seat with seatbelt	✓	
	Passenger Seat	Standard fixed seat	✓	
	USB ports	In dash	Optional	

