

TS50-330
49T Prime Mover

Internal layout

TS50-330 specifications

| | | |
|-------------------------|---|------------------------|
| Basic Parameters | Model | TS50-330 |
| | Fuel | Hydrogen |
| | LHD or RHD | RHD |
| | Passenger Capacity | 1 Driver / 1 Passenger |
| | Dimension (L*W*H, mm) | 8700 × 2500 × 3950 |
| | GCM (kg) | 49,000 |
| | Tare (kg) | 11,000 |
| | Approach/Departure angle (degrees) | 13/30 |
| | Min. Turning Diameter (m) | ≤19.3 |
| | Max. Grade (% , 1 min) | 25% |
| | Continuous Max. Grade (%) | 8% |
| | Top Speed (km/h) | 100 |
| Range | ≥400km | |

TS50-330 specifications continued

| | Description | Standard | Component Brand |
|----------------------|---------------------|---|-----------------|
| Power System | Traction Battery | 73.57 kWh | ✓ CATL |
| | Hydrogen Fuel Cell | FC Move 330kW | ✓ Ballard |
| | Drive Motor | TM4 | ✓ Dana |
| | Controller | TM4 | ✓ Dana |
| | Hydrogen Tanks | 700BAR (350BAR Optional) | ✓ Hexagon |
| | Air Compressor | Electronic air compressor | ✓ Piston Type |
| | Steering Pump | Electric steering pump | ✓ |
| | Chassis | Suspension | Air suspension |
| ECAS | | WABCO | ✓ WABCO |
| Front Axle (1) | | Disc brake – Steer axle | ✓ ZF |
| Rear Axle (2) | | Disc brake – Drive axle | ✓ Dana |
| Rear Axle (3) | | Disc brake – Drive axle | ✓ Dana |
| 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 | 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 | ✓ AngelTraxx |
| | 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 |
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