

**TS18-110**  
**18T Prime Mover**

**Internal layout**

**TS18-110 specifications**

<b>Basic Parameters</b>	<b>Model</b>	TS18-110
	<b>Fuel</b>	Hydrogen
	<b>LHD or RHD</b>	RHD
	<b>Axle Configuration</b>	6x2
	<b>Dimension (L*W*H, mm)</b>	8450 × 2500 × 3950
	<b>GCM (kg)</b>	18,000
	<b>Tare (kg)</b>	9,500
	<b>Approach/Departure angle (degrees)</b>	13/30
	<b>Min. Turning Diameter (m)</b>	≤19.3
	<b>Max. Grade (% , 1 min)</b>	20%
	<b>Continuous Max. Grade (%)</b>	8%
	<b>Top Speed (km/h)</b>	80
<b>Range</b>	≥450km*	

\* Range specification at 60km/h average speed under test circumstances

## TS18-110 specifications continued

	Description	Standard	Component Brand
Power System	Traction Battery	74 kWh	✓ CATL
	Hydrogen Fuel Cell	FC Move 110kW	✓ Ballard
	Drive Motor	TM4	✓ Dana
	Controller	TM4	✓ Dana
	Hydrogen Tanks	700 BAR	✓ Hexagon
	Air Compressor	Electronic air compressor	✓
	Steering Pump	Electric steering pump	✓
Chassis	Suspension	Air suspension	✓ Hendrickson
	ECAS	WABCO	✓ WABCO
	Front Axle (1)	Disc brake – Steer axle	✓ ZF
	Rear Axle (2)	Disc brake – Drive axle	✓ Dana
	Rear Axle (3)	Disc brake – Solid Axle	✓
	Tire	295/80R22.5	✓ Michelin
	Rim	22.5×8.25 (alloy)	✓
	Steering System	Hydraulic power steering	✓ ZF / Bosch
	Braking system	ABS braking system	✓
Safety and Electrics	ADAS	Lane departure warning system	
	Dashboard	ACTIA	✓ ACTIA
	Camera System	Reversing cameras and buzzer	✓
	Exterior Lamps	All lamps excluding headlamps	✓ LED
	LV Battery	24V maintenance free	✓
	A/C	Cooling and heating A/C	✓ Valeo
	Floor heater	Driver's area heating	N/A
	Fire Extinguisher	HV compartment	✓
	Demister	PTC heater	✓
Body	Body Structure	Monocoque structure, imported stainless steel	✓
	Body Style	Prime Mover – New Energy style	✓
	Wheelchair Ramp		N/A
	Floor Mats	XPE	✓
	Floor	PVC	✓
	Destination Sign		N/A
	Rear-view Mirror	Electric 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		Optional

