



Internal layout



TG23-H160 specifications

Basic Parameters	Model	TG23-H160
	Fuel	Hydrogen
	LHD or RHD	RHD
	Axle Configuration	6x4
	Dimension (L*W*H, mm)	9990x2500x3750
	GCM (kg)	23,000
	Tare (kg)	TBD
	Approach/Departure angle (degrees)	TBD
	Min. Turning Diameter (m)	TBD
	Max. Grade (% , 1 min)	25%
	Continuous Max. Grade (%)	8%
	Top Speed (km/h)	80
Range	≥250km	

TG23-H160 specifications continued

	Description	Standard	Component Brand
Power System	Traction Battery	74 kWh	✓ CATL
	Hydrogen Fuel Cell	160kW	✓ 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	✓ TBD
	ECAS	WABCO	✓ WABCO
	Front Axle (1)	Disc brake – Steer axle	✓ TBD
	Rear Axle (2)	Disc brake – Drive axle	✓ Dana
	Rear Axle (3)	Disc brake – Solid Axle	✓ TBD
	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	✓ AngellTraxx
	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
	Note – Cab Chassis only, can be integrated with local refuse body combinations.		

