



UD TRUCKS

NEW
Quester

Made to go the extra mile



Going the Extra Mile



GWE 6x4 Prime Mover

ESCOT

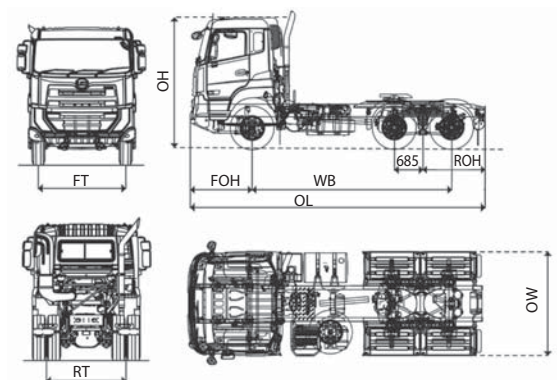


GWE 6x4 Prime Mover Specifications

MODEL NAME		GWE64T11MS			
Transmission Type		Manual Transmission (MT)		Automated Manual Transmission (AMT)	
Axle Type		6x4, Single Reduction	6x4, Hub Reduction	6x4, Single Reduction	6x4, Hub Reduction
Performance	GCW Rating (kg)**	51,000			
	Minimum Turning Radius (m)	7.2			
	Max Speed (km/h)	90 km/h with speed limiter			
	Gradeability (%)	29.5	25.1	31.3	26.5
Engine	Model	GH11 390 EC01 Diesel Engine		GH11 440 EC01 Diesel Engine	
	Euro Emission	Euro 3			
	Type	6 cylinder in-line, Overhead camshaft, Water cooled, Turbocharged with intercooler			
	Bore x Stroke	123 mm x 152 mm			
	Total Piston Displacement	10,837 cc			
	Max. Output	390 HP (293 kW) @ 1,900 rpm		440 HP (324 kW) @ 1,900 rpm	
	Max. Torque	187 kg.m (1,836N.m) @ 1,000 - 1,400 rpm		204 kg.m (2,000N.m) @ 1,100 - 1,400 rpm	
	Fuel System	Electronic Management System (EMS) fuel injection system			
Transmission	Model	STO2012		ESCOT ATO2612F	
	Type	12 forward and 2 reverse speeds synchronized manual overdrive		12 forward and 2 reverse speeds overdrive automated transmission	
	Final Gear Ratio	4.30	4.87	4.30	4.87
	Gear Shift	Cable type gear shift linkage		Electronically controlled	
	Retarder***	-	-	-	Hydraulic
Chassis	Clutch System	Pull type with dry single plate, Air assisted, Diameter 420 mm		Pull type with dry single plate, Air assisted, Diameter 430 mm	
	Front Axle	Reverse Elliot "I" beam type			
	Rear Axle	Full floating, Pressed steel banjo housing type			
	Frame	Roll formed high tensile steel, Rivetless top, Ladder type			
	Main Frame Dimension	300 mm x 90 mm x 8 mm			
	Frame Reinforcement	5 mm thick from transmission member to bogie end			
	Frame Reinforcement Dimension	277 mm x 80 mm x 5 mm			
	Front Suspension	Parabolic leaf spring			
	Rear Suspension	Multileaf spring			
	Steering System	Recirculating ball screw type with hydraulic power assistance, Adjustable tilt / telescopic			
	Service Brake (Foot Brake)	Full air, Drum, S-cam type brakes with automatic slack adjuster, equipped with Anti-lock Braking System (ABS)			
	Parking Brake (Hand Brake)	Pneumatically controlled spring brakes operated by hand control lever, acting on front and first rear axles			
	Auxiliary Brake	UD Extra Engine Brake (EEB) and Exhaust Pressure Governor (EPG) type			
Fuel Tank	405 litre aluminium tank	405 litre steel tank	405 litre aluminium tank	405 litre steel tank	
Wheels & Tyres	Disc Type	Pressed steel disc type with ISO 10 studs			
	Wheel Size	9.0 x 22.5			
	Tyre Size (Front & Rear)	295/80R 22.5 16PR			
	Spare Wheel	1 spare wheel equal to front with lockable spare wheel carrier			
Electrical	Electrical System	24V			
	Battery	150 Ah, 12V x 2			
	Alternator	24V, 80 Amp			
Cabin	Cabin Features	Aerodynamic design, Sleeper cab with sleeping bunk, Steel bumper with FUP, Dirt deflectors, Electric cab tilting			
	Cabin Suspension	Air bellow with shock absorbers	Mechanical spring suspension with hydraulic shock absorbers	Air bellow with shock absorbers	Mechanical spring suspension with hydraulic shock absorbers
Opti.	Optional Accessories / Items	Air foil, Auto lubricating system, Transmission PTO, Variable speed sensor			
Weight (kg)	Chassis with Cab Curb Weight	8,547	8,871	8,547	8,871
	Designed Axle Load (Front)	8,000			
	Designed Axle Load (Rear)	26,000			
Dimensions (mm)	Wheelbase (WB)	3,400 + 1,370			
	Overall Length (OL) x Width (OW) x Height (OH)	7,055 x 2,480 x 3,210			
	Axle Tread [Front (FT) / Rear (RT)]	2,020 / 1,836			
	Overhang [Front (FOH) / Rear (ROH)]	1,480 / 1,490			
	Ground Clearance (GC)	236	260	236	260

Note:

- (1) All images are for illustration purposes only. As product improvements may be introduced at any time, the specifications and other information in this brochure are subject to change without prior notice.
- (2) Performance is based on theoretical calculations. Actual performance depends on various parameters like actual load, road conditions, driver, condition of vehicles, etc.
- (3) Weights and dimensions mentioned are estimated and indicative only, actual may vary on selection of optional items.
- (4) *Source from Malaysia Automotive Association (MAA) report 2018.
- (5) **Based on trailer axle configuration.
- (6) ***Vehicle fitted with retarder is an optional for hub reduction.



TAN CHONG INDUSTRIAL EQUIPMENT SDN BHD (013285-X)

A subsidiary of Tan Chong Motor Holdings Berhad (12969-P)

Lot 3, Jalan Perusahaan Satu, 68100 Batu Caves, Selangor Darul Ehsan, Malaysia.

Tel: 03-6189 9832 Fax: 03-6189 9336 Website: www.tcie.com.my