



UD TRUCKS

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Going the Extra Mile



GKE 4x2 Prime Mover

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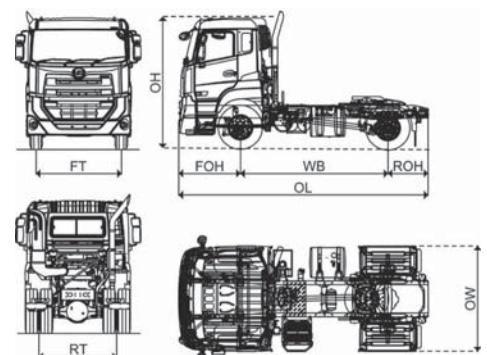


GKE 4x2 Prime Mover Specifications

MODEL NAME	GKE42T08MD		GKE42T11MD	
Transmission Type	Manual Transmission (MT)		Manual Transmission (MT)	Automated Manual Transmission (AMT)
Axle Type	4x2, Single Reduction			
Performance	GCW Rating (kg)**	39,000	43,000	
	Minimum Turning Radius (m)	6.3		
	Max Speed (km/h)	90 km/h with speed limiter		
	Gradeability (%)	22.9	31.7	30.7
Engine	Model	GH08 330 EC01 Diesel Engine	GH11 390 EC01 Diesel Engine	
	Euro Emission	Euro 3		
	Type	6 cylinder in-line, Overhead camshaft, Water cooled, Turbocharged with intercooler		
	Bore x Stroke	110 mm x 135 mm	123 mm x 152 mm	
	Total Piston Displacement	7,698 cc	10,837 cc	
	Max. Output	330 HP (243 kW) @ 2,200 rpm	390 HP (293 kW) @ 1,900 rpm	
	Max. Torque	122 kg.m (1,200 N.m) @ 1,200 - 1,650 rpm	187 kg.m (1,836 N.m) @ 1,000 - 1,400 rpm	
	Fuel System	Common rail fuel injection system	Electronic Management System (EMS) fuel injection system	
	Transmission	Model	ST1199	STO2012
Type		9 forward and 1 reverse speeds synchronized manual direct drive	12 forward and 2 reverse speeds synchronized manual overdrive	12 forward and 2 reverse speeds overdrive automated transmission
Final Gear Ratio		3.91	4.30	
Gear Shift		Cable type gear shift linkage		Electronically controlled
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	-	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	Exhaust Pressure Governor (EPG) type	UD Extra Engine Brake (EEB) and Exhaust Pressure Governor (EPG) type	
	Fuel Tank	315 litre steel tank	405 litre aluminium 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, Composite bumper, Dirt deflectors, Electric cab tilting		
	Cabin Suspension	Air bellow with shock absorbers		
Opt.	Optional Accessories / Items	Air foil, Auto lubricating system, Transmission PTO, Variable speed sensor		
Weight (kg)	Chassis with Cab Curb Weight	6,142	6,684	
	Designed Axle Load (Front)	8,000		
	Designed Axle Load (Rear)	13,000		
Dimensions (mm)	Wheelbase (WB)	3,500		
	Overall Length (OL) x Width (OW) x Height (OH)	5,920 x 2,480 x 3,160		
	Axle Tread [Front (FT) / Rear (RT)]	2,020 / 1,836		
	Overhang [Front (FOH) / Rear (ROH)]	1,460 / 960		
	Ground Clearance (GC)	236		

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.



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