

MODEL: GW26-470

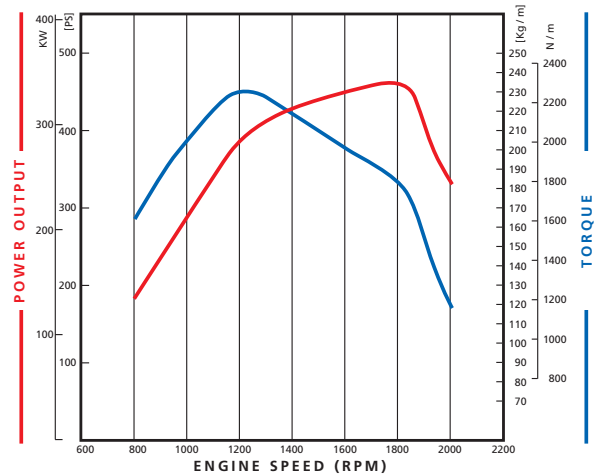
Air Suspension
6 x 4

GVW: 26000kg
GCW: 55000kg



ENGINE:	Engine	
	UD Trucks	GE13TD
	Type	Six cylinder in line, 24 valve, OHC, 4 stroke direct injection, turbo charged diesel with intercooler
	Displacement	13,074cc
	Bore and stroke	136 x 150mm
	Maximum Power ECE	340 kW (460 PS) at 1800rpm (Nett)
	Maximum Power JIS	352 kW (476 PS) at 1800rpm (Gross est.)
	Maximum torque ECE	2,255 Nm (1665lb/ft) at 1200rpm (nett)
	Maximum torque JIS	2,334 Nm (1721lb/ft) at 1200rpm (Gross est.)
	On load max rpm	2000
	Compression ratio	17.5:1
	Total oil capacity	42 litres
	Lubrication system	Forced feed by geared pump with full flow and by-pass spin-on filter
	Air cleaner	Dry paper dual element type (15inch)
	Standard air intake	Snorkel type at rear of cab
	Emission standard	ADR80/02- Japan 05LT (Meets Euro 5 emission levels)
	Primary	Selective Catalytic Reduction (SCR)
	Secondary	Electronic controlled selective cooled EGR
	AdBlue tank	55 litre stainless steel mounted of LHS chassis

UD TRUCKS MOTOR GE13TD ENGINE PERFORMANCE CURVE



Engine Cooling System	
Radiator	Corrugated fin type
Water pump	Centrifugal
Header tank	Expansion type fitted
Temperature control	Wax pellet type thermostat
Lubricating oil	Oil cooler fitted
Fan	8 blade, mounted on viscous hub

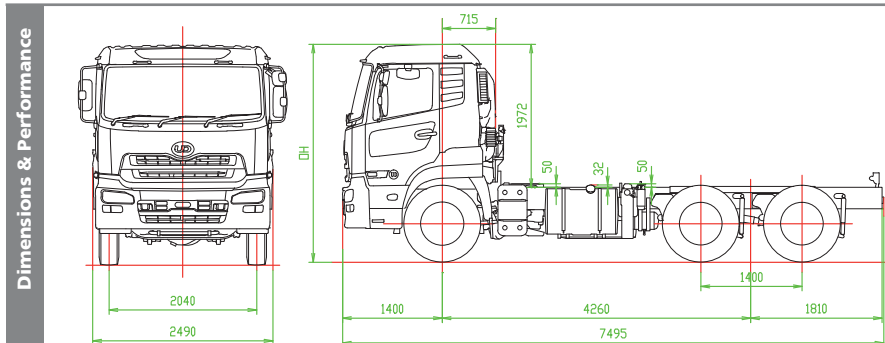
DRIVELINE, ELECTRICAL & FUEL:	Clutch	
	Make	UD Trucks CLB10H
	Type	Dry twin plate. Air servo-assisted Hydraulically operated release system
	Clutch diameter	400mm
	Front Axle	
	Model	UD Trucks FF85 Dropped Forged reverse Elliot "I" Beam Factory Rated at 8500kg each
	Rear Axle	
	Model	UD Trucks RM1AA
	Type	Fully floating pressed steel banjo housing
	Factory rated at	10,500kg each
	Differential	
	Model	UD Trucks IPHM-3/SRHM-2
	Type	Single reduction hypoid
	Standard Ratio	4.111:1
	Option	4.625:1

	Gearbox		
Model	Eaton Fuller RTLO-18918B. Eighteen forward speeds, four reverse. Constant mesh on each shift		
Gearshift	Mechanical remote control		
Gear Ratios		(Low)	(High)
	Low	14.402	12.287
	1st	8.510	7.260
	2nd	6.048	5.160
	3rd	4.384	3.740
	4th	3.201	7.731
	5th	2.275	1.941
	6th	1.617	1.379
	7th	1.172	1.000
	8th	0.855	0.730
	Rev.L	15.057	12.845
	Rev.H	4.025	3.434
	Electrical System		
System	24 volt negative earth		
Batteries	2 x 12 volt 120 Ah.		
Alternator	60 amp with built-in IC regulator		
	Fuel system		
Tank Capacity	400 litre alloy tank mounted on LHS chassis		
Fuel system	Ultra high pressure unit injector		

GW26-470 AIR SUSPENSION

CHASSIS	Chassis		Suspension	
	Type	Ladder channel section side rails	Front	Semi-elliptic taper leaf springs. 90 x 1550mm
	Dimension	298 x 90 x 7mm	Spring constant	37.1 kg / mm per spring
	Material	Pressed carbon steel 55kg / mm ² tensile steel	Rear	Hendrickson HAS460 air bag rear suspension with double acting telescopic shock absorbers
	Brakes		Spring constant	12.8 kg/mm +/- 15%
	Service	Dual line, full air, wedge type, ABS, EBS with ASR. Oil mist separator and air dryer	Steering & Wheels	
	Drum dimensions:		Type	Integral power assisted recirculating ball steering box with additional power cylinder
	Front	410 x 180 mm	Reduction ratio	22.42
	Rear	410 x 220 mm	Steering wheel	460mm diameter moulded polyurethane grip
	Total lining	10,280 cm ²	Steering column	Fore / aft tilt, telescopic and lockable
	Parking brakes	Spring brakes acting on rear wheels.	Road Wheels	Pressed steel disc 8.25 x 22.5, ISO 335mm PCD, 10 stud 165mm offset
	Auxiliary brakes	UD Trucks EE decompression brake plus exhaust butterfly type brake	Tyres	Bridgestone 11R22.5 tubeless radials
			Option	Bridgestone 275/70 R 22.5

CAB & INSTRUMENTS	Guages		Interior	
	Instrument gauges	Fuel, water temperature, dual air pressure, tachometer, speedometer with odometer and trip meter. Drivers information centre incorporating date/ time, trip information and service intervals. AdBlue level indicator	Drivers seat	Cloth trimmed high-back multi adjustable air suspended seat with automatic height control. 3 point ELR lap sash seatbelts
	Warning Devices		Passengers seat	Cloth trimmed reclining high-back type fixed seat with lift up base
	Warning lamps	Engine control warning, low air pressure, parking brake/ spring brake, hazard, air filter element, low oil pressure, oil filter clog, oil pressure, battery charge, SCR trouble, AdBlue quality	3 point ELR lap sash seatbelts	
	Indicator lamps	Turn signal, EE/exhaust brake, air heater, high beam, cruise control, non ABS trailer	Sun visors	Driver and passenger side
	Audible warning		Overhead tray	Document holders on drivers and passenger side
	Devices include	Brake, low air pressure, coolant level and overheating, reversing, tilt lock, AdBlue low level	Cup holder	Hot/cold holder in centre console
	Exterior		Floor covering	Vinyl
	Type	Steel Construction fully suspended forward control	Bunk	Bed in rear of cab, cloth trimmed type.
	Cab suspension	Full air suspension with hydraulic shock absorbers	Standard equipment	
	Tilting	Electrically driven with hydraulic assistance to 65 deg	Two stalk controls which incorporate Reversing lamp, roofing marker lamps 1. Turn signal, lighting 2. Wiper/washer/engine/ exhaust brake, hazard warning, cruise control	
	Windshield	Laminated tinted safety glass		
	Windshield wiper	Three arms, dual speed with intermittent operation	Features	
	Side and rear windows	Tinted safety glass	<ul style="list-style-type: none"> • Door intrusion bars • Air conditioner/Heater demister - 4 mode operation with 4 speed fan • Engine idling control button • Electric windows • Central Locking • AM/FM radio with CD player • Cigar lighter • Electric horn • Foot rest • Spare tyre • Equipped tyre carrier • Tool kit 	
	Cab front lid	Hinged for easy checking of maintenance (clutch fluid, coolant, engine oil)	Lamps	
	Mirrors	Heated and electrically operated main mirrors. Passenger side rear and downward spotter mirrors	<ul style="list-style-type: none"> • Halogen head lamps • Hazard / Turn signal • Clearance lamps • Stop / Tail lamps • Reversing Lamp • Roof marker lamps • License plate lamp 	



Cab & Chassis Weights Kg

CONDITION 1*			
Model	Front	Rear	Total
GW470 air	4570	3480	8050
*With 20 litres of fuel, no spare wheel or tools			

CONDITION 2*			
Model	Front	Rear	Total
GW470 air	4770	3580	8350
* With 400 litres of fuel, spare wheel and tools			

IMPORTANT NOTICE: Weights obtained by weighing a vehicle on a NZ Govt. certified weighbridge. Please note that weights may vary from unit to unit.



UD TRUCKS

This specification sheet applies to vehicles supplied by UD Truck Distributors (NZ) Ltd for the New Zealand market from January 2009. In accordance with UD Trucks Corporation policy of continuous improvement, the right is reserved to change specifications without notice.

UD Truck Distributors (NZ) Ltd, P O Box 76 326, Manukau City 2241.