

MODEL: MK11-250 Automatic
4 x 2

GVW 11000kg
GCW 16000kg



ENGINE:

Engine

Model UD Trucks GH7

Type Six cylinder inline, OHC, 4 valves per cylinder, 4 stroke, direct injection, turbo charged diesel with intercooler

Displacement 7013cc

Bore and stroke 110 x 123mm

Maximum Power ECE 180Kw (245PS) at 2500rpm (Nett)

Maximum Power JIS 187Kw (254PS) at 2500rpm (Gross est.)

Maximum torque ECE 716 Nm (528lb/ft) at 1400rpm (Nett)

Maximum torque JIS 744 Nm (548lb/ft) at 1400rpm (Gross est.)

On load max rpm 2600

Compression ratio 17.5:1

Oil capacity 17.4 litres

Lubrication system Forced feed by gear pump

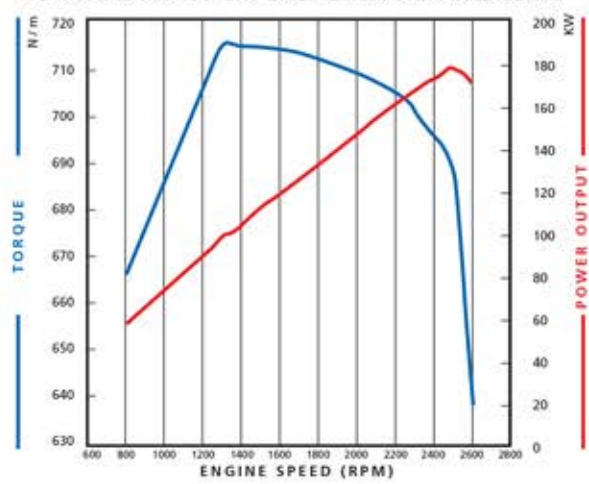
Air cleaner Dry paper element type

Standard air intake Snorkel type at rear of cab

Emission standard Euro 5

SCR system Selective Catalytic Reduction

UD TRUCKS MOTOR GH7 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	11 blade, 600mm, mounted on viscous hub

DRIVELINE, ELECTRICAL & FUEL:

Front Axle

Model UD Trucks Dropped Forged reverse Elliot "I" Beam
Rated at 4000kg

Rear Axle

Model UD Trucks

Type Fully floating pressed steel banjo housing

Factory rated at 7,500kg

Differential

Model UD Trucks

Type Single reduction hypoid

Standard Ratio 4.111:1

Gearbox

Model Allison LCT 2500 full automatic transmission
Five forward speeds, one reverse

Gearshift Automatic

Ratios

1st	3.512
2nd	1.896
3rd	1.439
4th	1.000
5th	0.737
Rev	5.086

Electrical System

System 24 volt negative earth

Batteries 2 x 12 volt 115 Ah.

Alternator 130 amp with built-in IC regulator

Fuel system

Tank Capacity 200 litre steel tank on LHS chassis

Fuel system Electronic controlled common rail injection system

Fuel filter Cartridge type primary and secondary filters with water separator.

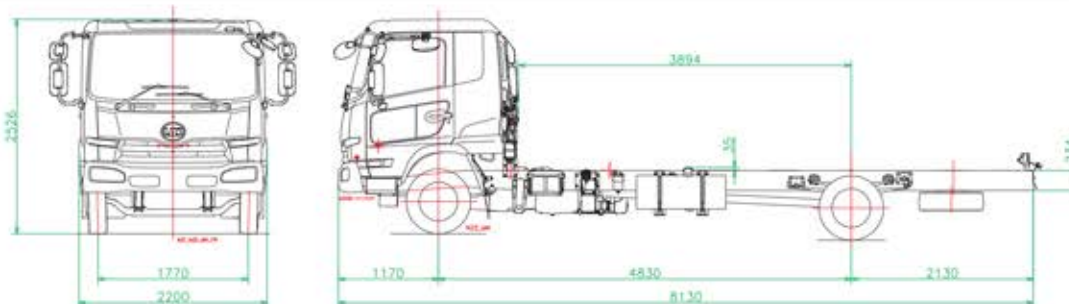
AdBlue tank 50 litre capacity

MK11-250 Automatic

CHASSIS	Chassis		Suspension	
	Type	Ladder channel section side rails	Front	3 x Semi-elliptic tapered leaf springs. 70 x 1300mm
Dimension	234/ x 70 x 7mm	Spring constant	26.9 kg / mm per spring	
Width	860mm	Rear - Spring Option	Semi-elliptic 2 stage leaf. 7 main springs 70mm x 1300mm 7 helper springs 70mm x 980mm	
Material	Pressed carbon steel	Spring constant	100.5kg/mm	
Brakes	Brakes		Rear - Air Option	Hendrickson HAS200, 2 bag fully floating with torque rod and shock absorbers
Service	Air /Hydraulic dual line system			
Drum dimensions	320mm			
Front	1360 cm ²			
Rear	1672 cm ²			
Total lining	3,032 cm ²			
Parking brakes	Spring brakes acting on rear wheels			
Auxiliary brakes	Exhaust butterfly type brake			
ABS	Wabco 4 channel			
		Steering & Wheels		
		Type	Integral power assisted recirculating ball steering box	
		Reduction ratio	18.8	
		Steering wheel	460mm diameter moulded polyurethane grip	
		Steering column	Fore / aft tilt, telescopic and lockable	
		Road Wheels	Pressed steel disc 6.75 x 17.5, 6 stud, 131mm offset	
		Tyres	235/70 R 17.5 tubeless radials	

CAB & INSTRUMENTS	Gauges		Interior	
	Instrument gauges	Fuel, dual air pressure, tachometer, AdBlue gauge. Speedometer with odometer and trip meter.	Drivers seat	Cloth trimmed high-back multi adjustable air suspended seat with automatic height control. 3 point ELR lap sash seatbelts
Multi Display	Water temperature, Engine oil temperature, Engine oil pressure day, date and time, service intervals.	Passengers seat	Cloth trimmed reclining high-back type fixed seat with 3 point ELR lap sash seatbelts	
	Warning Devices		Sun visors	Driver and passenger side.
Warning lamps	Engine control warning, low air pressure, Low brake fluid, ABS, parking brake/spring brake, hazard, air filter element, low oil pressure, battery charge, SCR warning indicator.	Overhead tray	Document holders on drivers and passenger side	
Indicator lamps	Turn signal, Exhaust brake, air heater, high beam, cruise control.	Cup holder	Slide out of dash	
	Audible warning		Floor covering	Vinyl
Devices include	Low brake fluid, low air pressure, coolant level and overheating, reversing, oil temp, engine over run, ATM overheat.	Bunk	Bed in rear of cab, cloth trimmed type	
	Exterior		Control switches	Two stalk controls which incorporate 1. Turn signal, lighting, cruise control 2. Wiper/washer/engine/exhaust brake, hazard warning
Type	Steel Construction fully suspended forward control ECE R29 compliant	Features	<ul style="list-style-type: none"> SRS Drivers air bag with seat belt pre tensioner Door intrusion bars Air conditioner/Heater demister 4 mode operation with 4 speed fan Engine idling control button Electric windows Central Locking with keyless entry AM/FM radio with CD player 	
Cab suspension	Spring suspension with hydraulic shock absorbers	Lamps	<ul style="list-style-type: none"> Halogen head lamps Hazard / Turn signal / Clearance lamps Stop / Tail lamps Reversing Lamp License plate lamp 	
Tilting	Torsion bar type			
Windshield	Laminated tinted safety glass			
Windshield wiper	Two arms, dual speed with intermittent operation.			
Side and rear windows	Tinted safety glass			
Cab front lid	Hinged for easy checking of maintenance (clutch fluid, coolant, washer reservoir)			
Mirrors	Heated and electrically operated main mirrors. Passenger side rear and downward spotter mirrors			

Dimensions & Performance



Cab & Chassis Weights Kg

With 200 litres of fuel, 50 litres AdBlue, spare wheel and tools

Model	Front	Rear	Total
MKB245 Leaf	2500	1320	3820
MKB245 Air	2520	1340	3860

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 September 2011. In accordance with UD Trucks Corporation policy of continuous improvement, the right is reserved to change specifications without notice.