

# MK Series - Euro 5

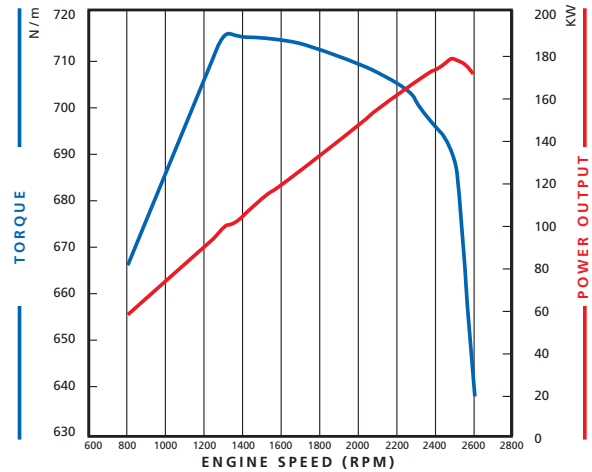
**MODEL:** **MK11-250**  
**Automatic**  
4 x 2

GVW 11000kg  
GCW 16000kg



ENGINE:	
<b>Model</b>	UD Trucks GH7
<b>Type</b>	Six cylinder inline, OHC, 4 valves per cylinder, 4 stroke, direct injection, turbo charged diesel with intercooler
<b>Displacement</b>	7013cc
<b>Bore and stroke</b>	110 x 123mm
<b>Maximum Power ECE</b>	180Kw (245PS) at 2500rpm (Nett)
<b>Maximum Power JIS</b>	187Kw (254PS) at 2500rpm (Gross est.)
<b>Maximum torque ECE</b>	716 Nm (528lb/ft) at 1400rpm (Nett)
<b>Maximum torque JIS</b>	744 Nm (548lb/ft) at 1400rpm (Gross est.)
<b>On load max rpm</b>	2600
<b>Compression ratio</b>	17.5:1
<b>Oil capacity</b>	17.4 litres
<b>Lubrication system</b>	Forced feed by gear pump
<b>Air cleaner</b>	Dry paper element type
<b>Standard air intake</b>	Snorkel type at rear of cab
<b>Emission standard</b>	Euro 5
<b>SCR system</b>	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:	
<b>Model</b>	UD Trucks Dropped Forged reverse Elliot "I" Beam Rated at 4000kg
<b>Model</b>	UD Trucks
<b>Type</b>	Fully floating pressed steel banjo housing
<b>Factory rated at</b>	7,500kg
<b>Model</b>	UD Trucks
<b>Type</b>	Single reduction hypoid
<b>Standard Ratio</b>	4.111:1

<b>Model</b>	Allison LCT 2500 full automatic transmission Five forward speeds, one reverse
<b>Gearshift</b>	Automatic
<b>Ratios</b>	1st 3.512 2nd 1.896 3rd 1.439 4th 1.000 5th 0.737 Rev 5.086
<b>System</b>	24 volt negative earth
<b>Batteries</b>	2 x 12 volt 115 Ah.
<b>Alternator</b>	130 amp with built-in IC regulator
<b>Tank Capacity</b>	200 litre steel tank on LHS chassis
<b>Fuel system</b>	Electronic controlled common rail injection system
<b>Fuel filter</b>	Cartridge type primary and secondary filters with water separator.
<b>AdBlue tank</b>	50 litre capacity

# MK11-250 Automatic

<b>CHASSIS</b>	<b>Chassis</b>		<b>Suspension</b>	
	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	<b>Brakes</b>	Rear - Air Option	Hendrickson HAS200, 2 bag fully floating with torque rod and shock absorbers
	Service	Air /Hydraulic dual line system	<b>Steering &amp; Wheels</b>	
	Drum dimensions	320mm	Type	Integral power assisted recirculating ball steering box
	Front	1360 cm <sup>2</sup>	Reduction ratio	18.8
	Rear	1672 cm <sup>2</sup>	Steering wheel	460mm diameter moulded polyurethane grip
Total lining	3,032 cm <sup>2</sup>	Steering column	Fore / aft tilt, telescopic and lockable	
Parking brakes	Spring brakes acting on rear wheels	Road Wheels	Pressed steel disc 6.75 x 17.5, 6 stud, 131mm offset	
Auxiliary brakes	Exhaust butterfly type brake	Tyres	235/70 R 17.5 tubeless radials	
ABS	Wabco 4 channel			


<b>CAB &amp; INSTRUMENTS</b>	<b>Gauges</b>		<b>Interior</b>	
	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
	<b>Warning Devices</b>		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
	<b>Audible warning</b>		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
	<b>Exterior</b>		<b>Standard equipment</b>	
	Type	Steel Construction fully suspended forward control ECE R29 compliant	Control switches	Two stalk controls which incorporate 1. Turn signal, lighting, cruise control 2. Wiper/washer/engine/exhaust brake, hazard warning
Cab suspension	Spring suspension with hydraulic shock absorbers	Features	<ul style="list-style-type: none"> <li>SRS Drivers air bag with seat belt pre tensioner</li> <li>Door intrusion bars</li> <li>Air conditioner/Heater demister</li> <li>4 mode operation with 4 speed fan</li> <li>Engine idling control button</li> <li>Electric windows</li> <li>Central Locking with keyless entry</li> <li>AM/FM radio with CD player</li> <li>Cigar lighter</li> <li>Electric horn</li> <li>Foot rest</li> <li>Spare tyre</li> <li>Equipped tyre carrier</li> <li>Tool kit</li> </ul>	
Tilting	Torsion bar type	Lamps	<ul style="list-style-type: none"> <li>Halogen head lamps</li> <li>Hazard / Turn signal / Clearance lamps</li> <li>Stop / Tail lamps</li> <li>Reversing Lamp</li> <li>License plate lamp</li> </ul>	
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**