



UD TRUCKS

Condor MK 11 250



SPECIFICATIONS

GVM*	11,000 kg	Power	180 kW @ 2,500 rpm
GCM*	15,500 kg - 6 speed 15,000 kg - automatic	Torque	716 Nm @ 1,400 rpm
Opt GVM*	8,000 kg (on application)	Transmission	UD Trucks 6 speed manual and Allison 5 speed Automatic
Opt GCM**	20,000 kg	Suspension	UD Trucks leaf or Hendrickson Airbag Suspension (HAS)

FEATURES

ECE-R29 Cab Strength Compliant	Fleet Max Plus telematics system
Drivers SRS airbag and seat belt pretensioner	Cruise control
WABCO ABS (Anti-lock Braking System)	Touch screen multimedia with SD, USB, CD, DVD, 3.5mm inputs
Allison Generation 5 Automatic transmission	ADR42 compliant sleeper cab and mattress
Multi adjustable air suspended driver seat	Heated and electronically operated external mirrors

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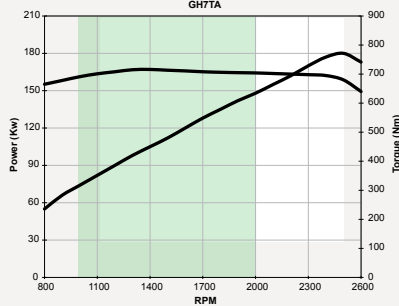
Note: MK 11 250 shown may not be representative of actual vehicle

SAFETY

ECE-R29 Cab strength compliant
 SRS drivers air bag with seat belt pretensioner
 WABCO ABS (Anti-lock Braking System)
 Easy Hill Start (EHS) - manual models only
 360° visibility with up to 4 optional cameras
 Electrically operated and heated mirrors

ENGINE

Make	UD Trucks
Model	GH7TA
Description	4 Cycle direct injected turbocharged and intercooled diesel engine. Single overhead camshaft with 4 valves per cylinder.
Cylinders	6 in-line
Total piston displacement	7,013 cc (7 litres)
Bore x stroke	110 mm x 123 mm
Compression ratio	17.5:1
Max. Power (ECE Net)	180 kW (245 ps) @ 2,500 rpm
Max. Power (JIS Gross est.)	187 kW (254 ps) @ 2,500 rpm
Max. Torque (ECE Net)	716 Nm (528 lb/ft) @ 1,400 rpm
Max. Torque (JIS Gross est.)	744 Nm (548 lb/ft) @ 1,400 rpm
Max. governed engine speed	2,600 rpm



Lubrication system	Forced oil feed by gear pump, flat tube oil cooler, full flow and bypass oil filters with replaceable elements and 17 litre capacity
Compressed air system	Water cooled reciprocating type, single cylinder air compressor with air dryer
Cooling System	Forced feed by centrifugal water pump, wax pellet type thermostat with bypass. Aluminium corrugated fin type radiator with cab front bonnet mounted reserve tank and a 600 mm diameter 11 blade viscous coupling cooling fan.

FUEL AND INTAKE SYSTEM

Injection type	Ultra high pressure common rail injection system
Filtration	Chassis mounted primary and engine mounted secondary
Capacity	200 litre steel tank with lockable cap mounted on LHS chassis
Air filtration	Primary dry paper element air filter on RHS under cab
Air intake	High mounted RHS air intake

EXHAUST AND EMISSION CONTROL

Emission standard	ADR80/03 (Euro 5 emission levels)
Emission system	Selective Catalytic Reduction (SCR)
AdBlue® capacity	50 litre polymer tank with lockable cap on LHS
Exhaust system	RHS chassis mounted muffler/catalytic converter with horizontal rear facing exhaust discharge

ELECTRICAL

Power	24 volt, negative ground system
Battery capacity	2 x 12 volt 120 Ah batteries mounted on LHS chassis (RHS chassis E wheelbase only)
Alternator	110 amp with built in IC regulator

CLUTCH (manual models only)

Make	UD Trucks
Description	Dry single organic plate with push type diaphragm
Disc diameter	350 mm
Mechanism	Hydraulically operated with air assistance

TORQUE CONVERTER (automatic models only)

Make	Allison
Model	TC221
Description	One stage, three element, polyphase. Includes standard integral damper with lock-up function
Stall torque ratio	1.73:1

TRANSMISSION

6 SPEED MANUAL

Make	UD Trucks
Model	MLS63B
Description	Six forward speeds and one reverse, synchromesh 2nd to 6th gears. Non-synchro 1st and reverse
Shift type	Mechanically operated shift with air servo assist
Gear ratios	1st 6.72 5th 1.00 2nd 4.03 6th 0.74 3rd 2.30 Rev 6.12 4th 1.44
PTO capability	LHS 147 Nm @ 62% engine speed (nominal ratio)

5 SPEED AUTOMATIC

Make	Allison Generation 5
Model	LCT2500
Description	Five forward speeds and one reverse. Fully automatic adaptive shift with power and Eco modes
Shift type	T-bar shifter with shift lock and overdrive buttons, cable operation
Gear ratios	1st 3.51 4th 1.00 2nd 1.90 5th 0.74 3rd 1.44 Rev 5.09
PTO capability	Transmission type drive with LHS and RHS openings 339 Nm using one opening, or 542 Nm total using both openings
Electronic Brake Interface (EBI)	Transmission assisted engine braking effort when exhaust brake is activated

FRONT AXLE AND SUSPENSION SYSTEM

Axle make	UD Trucks
Description	Drop forged steel "1" section beam, reverse "ELLIOT" type
Suspension	Multi-leaf spring with anchor at front and shackle at rear
Dimensions (mm)	70 mm x 1,300 mm
Number of leaves	8
Spring constant	244 N/mm (24.9 kg/mm)
Shock absorbers	2 telescopic double acting
Max. ground capacity	Refer to the Load Capacity Summary on Page 3

REAR AXLE AND SUSPENSION SYSTEM

Axle make	UD Trucks
Type	Fully floating pressed steel banjo type housing with single drive
Gear type	Single reduction, hypoid gear
Final reduction ratio	6 speed manual - 4.111:1 (F-N) 4.555:1 (E) 5 speed automatic - 4.111:1 (F-N)

LEAF SUSPENSION

Description	Semi-elliptic leaf spring and helper with anchor at front and shackle at rear
Leaf dimensions (mm)	Main: 70 mm x 1,300 mm Helper: 70 mm x 980 mm
Number of leaves	Main: 7 Helper: 7
Spring constant (total)	985 N/mm (100.4 kg/mm)
Shock absorbers	2 telescopic double acting
Max. ground capacity	Refer to the Load Capacity Summary on Page 3

AIR SUSPENSION

Description	Hendrickson HAS200
Air spring diameter	270 mm
Number of springs	2 airbags
Spring constant	118 N/mm (12.0 kg/mm)
Shock absorbers	2 telescopic double acting
Max. ground capacity	Refer to the Load Capacity Summary on Page 3

LOAD CAPACITY SUMMARY

	Front (kg)	Rear (kg)	
		HAS 200 or Leaf	
Axle	4,000	7,600	7,600
Steering/suspension	4,000	9,000	7,600
Tyres	4,000	7,600	7,600
Max. ground capacity*	4,000	7,600	7,600

BRAKES

Type	WABCO ABS (Anti-lock Braking System)		
Description	Air Over Hydraulic (AOH), dual line system, with aluminium air tanks, drum brakes, 4 channel ABS and Easy Hill Start (EHS – manual models only)		
Air pressure	7.2 - 8.5 kg/cm ²		
	Front	Rear	Total
Drum diameter	320 mm	320 mm	
Lining area	1,360 cm ²	1,672 cm ²	3,032 cm ²
Park brakes	Hand operated pneumatically controlled spring park brake on drive axle		
Auxiliary brake	Butterfly type exhaust brake		

STEERING

Type	Recirculating ball and screw with hydraulic assist
Steering gear ratio	18.8:1
Column	Adjustable, tilt and telescopic control
Steering wheel	460 mm diameter with ignition key steering lock

WHEELS AND TYRES

Wheels	<i>except E WB</i>	Pressed steel disc type 6.75" x 17.5" rim with 131 mm offset - 10TCS, 6 stud (222.25 mm PCD)
	<i>E WB only</i>	Pressed steel disc type 6.75" x 19.5" rim with 136 mm offset - 12ESP, 6 stud (222.25 mm PCD)
Front tyres	<i>except E WB</i>	Single 235/75R 17.5" Dunlop SP341, regroovable
	<i>E WB only</i>	Single 245/70R 19.5" R227CZ Bridgestone
Rear tyres	<i>F WB only</i>	Dual 235/75R 17.5" Dunlop SP442, regroovable
	<i>E WB only</i>	Dual 245/70R 19.5" M792Z Bridgestone
	<i>except E & F WB</i>	Dual 235/75R 17.5" Dunlop SP341, regroovable
Spare tyre	<i>except E WB</i>	Single 235/75R 17.5" Dunlop SP341, regroovable mounted on Spare Tyre Carrier (STC) at rear of chassis
	<i>E WB only</i>	Single 245/70R 19.5" R227CZ Bridgestone

FRAME

Construction	Ladder, channel type double skin chassis construction		
Width	860 mm		
Side rail dimensions	234 mm x 70 mm x 7 mm (except N wheelbase) 234 mm x 80 mm x 7 mm (N wheelbase only)		
Material	Pressed high tensile carbon steel		
Rail data	Tensile	Yield	Modulus
	55 kg/mm ²	38 kg/mm ²	Refer to Body Manual udtrucks.com.au

STANDARD DRIVER AIDS

Safety equipment	ECE-R29 Cab strength compliant SRS driver steering wheel airbag SRS driver seat belt pretensioner Easy Hill Start (EHS) - manual models only ABS – Anti-lock Brake System
Instrumentation	Fully electronic, CAN-BUS instrument system including speedometer, tachometer (with economical green driving band), fuel, temperature, AdBlue® level and independent front and rear air circuit pressure gauges. Digital odometer display with dual trip function.
Warning systems	Up to 22 visual warning lamps plus up to 38 different written warnings displayed on the LCD screen. In conjunction, 13 audible tones are used.
Driver assistance	Driver's Information System (DIS) displaying useful vehicle data including: date/time, engine temperature, oil pressure, voltmeter, trip information, along with service intervals for engine, transmission, differentials, belts and air filter. Electronic stalk mounted cruise control. GPS satellite navigation with HEREMAPS "truck" mapping.

EXTERNAL CABIN

Description	Aerodynamically designed, forward control, pressed steel construction cab with 45° torsion bar cab tilt
Mounting type	Spring suspended cab with 2 dual acting shock absorbers
Crash test standard	Designed to ECE-R29
Cab paint	Standard – Jumping White (W33)
Doors	90° opening, steel construction with side intrusion beams
Inspection points	All daily inspections can be carried out without lifting the cab from the front opening inspection panel
Bumper type	1 piece, pressed steel, air dam front bumper
Mirrors	Heated and electrically operated LH and RH main mirrors with wide vision spot mirrors and passenger side down facing spot mirror
Lamps	Halogen multi-reflector head lamps ADR49/00 bumper mounted fog lamps ADR49/00 roof mounted clearance lights
Glass	Tinted front, side and rear
Wipers	Double arm, 2 speed wipers with intermittent operation and intergrated washers
Reversing system	Rear facing reverse light and audible warning alarm, infra-red camera with microphone

INTERNAL CABIN

Lighting	Single ON/OFF/DOOR interior light with an independent 720 mm x 140 mm fluorescent lamp
Standard seat capacity	3 occupant seats - 2 outer seats with retractable 3 point seat belts, centre seat with adjustable lap belt
Driver's seat	CVG multi-adjustable, air suspended with automatic height control and adjustable shock absorber
Passenger seat(s)	Flat folding LH assistant seat with lift-up base Flat folding centre seat with back of seat storage
Sleeping capability	ADR42/04 compliant sleeper bunk with mattress. (full cab curtains)
Side windows	Power operated door glass
Security	Remote keyless central locking
Air conditioning	Adjustable temperature control with multi-speed fan
Audio system	6.1" Touch Screen, Digital Radio DAB+, Inbuilt 32G Hard Drive, 4 Camera inputs incl. option for IR night vision and multiple component inputs, SD, USB, CD, DVD, 3.5mm, 3-way speakers
Telematics	Fleet Max Plus CAN and GPS vehicle data reporting
Cup holders	2 centre mounted cup-holders RH and LH door mounted bottle-holders Additional 2 back of centre seat cup-holders
Storage	Driver and passenger overhead consoles (6 litres each)with lids 10 litre back of centre seat storage box with lid Driver and passenger door pockets
Power outlet	24 volt 240 W cigarette lighter/power outlet
DIN Accessory fitment	Two DIN sized compartments for accessory fitment
Floor covering	Vinyl

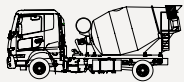
FACTORY OPTIONAL EQUIPMENT (indent order)

Suspension	Front stabiliser bar Long taper leaf front springs 294 Nm/mm (29.9 kg/mm) 3,600 kg maximum ground capacity*
Seating	Large centre console (replaces centre seat)
Engine/PTO control	Electronic engine governor control with external control lever
Transmission PTO	High torque transmission PTO - 343 Nm @ 100% engine speed output - manual models only
Cab paint	Custom paint colours (up to 3 colours per cab)

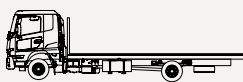
DEALER FIT OPTIONAL EQUIPMENT

Ratings	Optional GVM 8,000 kg* - for Light Rigid truck licence Optional GCM 20,000 kg*
Rear engine PTO	343 Nm torque capacity @ 120% engine speed 343 Nm torque capacity @ 85% engine speed
Transmission PTO	Specific to application refer to dealer
Cameras	Up to 3 additional cameras connected to the in-dash multimedia unit

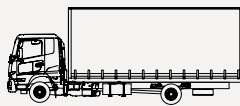
TYPICAL APPLICATIONS



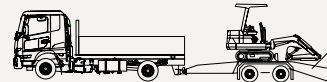
Specialist applications



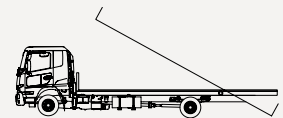
Tray body



Pan/Tautliner



Tipper and trailer



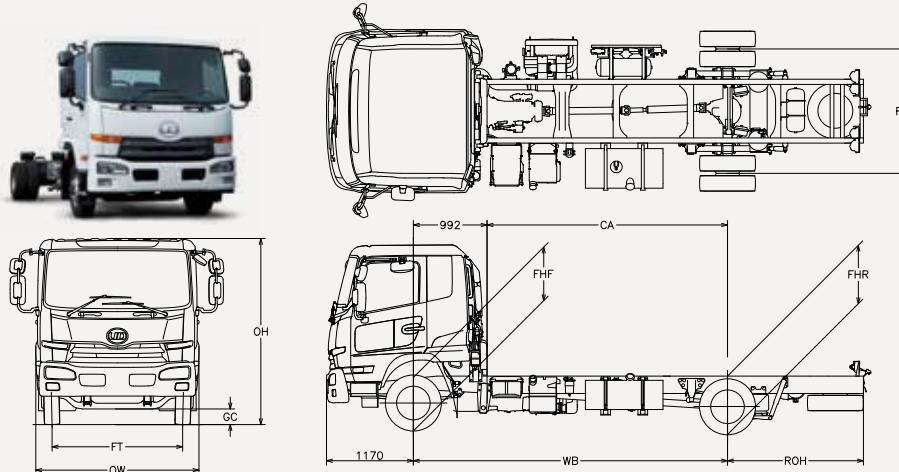
Tilt tray

GENERAL SPECIFICATIONS (Approximate)

		Mass (kg)			Vehicle Dimensions (mm)																		
Variant	Wheelbase code	GVM*	GCM**	FA ¹	RA ¹	Total Tare ¹	WB	OL	OW	OH ²	FT	RT	ROH	CA	GC ²	FHF ²	FHR ²	FHR ² (lowered height)	Turning radius (kerb to kerb)	UD order code			
				UD - leaf	6 speed	11,000	15,500	2,415	1,320	3,735	3,770	6,560		2,544				1,620	2,778	208	776	862	
2,395	1,280	3,675	4,230					7,230							1,830	3,238					6,700	MK11250F6L	
2,445	1,285	3,730	4,830					8,130	2,200	2,526	1,784	1,680				2,130	3,838	190	758	844	N/A	7,500	MK11250K6L
2,475	1,290	3,765	5,150					8,670								2,350	4,158					8,000	MK11250L6L
2,495	1,310	3,805	5,500					9,630								2,960	4,508					8,500	MK11250N6L
Automatic	11,000	15,000	2,375		1,300	3,675	3,770	6,560		2,544					1,620	2,778	208	776	862		6,000	MK11250EAL	
			2,365		1,260	3,625	4,230	7,230							1,830	3,238					6,700	MK11250FAL	
			2,415		1,270	3,685	4,830	8,130	2,200	2,526	1,784	1,680				2,130	3,838	190	758	844	N/A	7,500	MK11250KAL
			2,450		1,270	3,720	5,150	8,670								2,350	4,158					8,000	MK11250LAL
			2,465		1,295	3,760	5,500	9,630								2,960	4,508					8,500	MK11250NAL
HAS200 - air	6 speed	11,000	15,500	2,390	1,340	3,730	4,230	7,230						1,830	3,238					6,700	MK11250F6A		
				2,445	1,345	3,790	4,830	8,130	2,200	2,526	1,784	1,680				2,130	3,838	190	758	800	760	7,500	MK11250K6A
				2,475	1,350	3,825	5,150	8,670								2,350	4,158					8,000	MK11250L6A
				2,495	1,370	3,865	5,500	9,630								2,960	4,508					8,500	MK11250N6A
				2,365	1,320	3,685	4,230	7,230								1,830	3,238					6,700	MK11250FAA
	Automatic	11,000	15,000	2,415	1,330	3,745	4,830	8,130	2,200	2,526	1,784	1,680				2,130	3,838	190	758	800	760	7,500	MK11250KAA
				2,450	1,330	3,780	5,150	8,670								2,350	4,158					8,000	MK11250LAA
				2,465	1,355	3,820	5,500	9,630								2,960	4,508					8,500	MK11250NAA

¹ Mass is an estimation only based on standard model, includes fluids (not diesel fuel or AdBlue®), spare tyre carrier and spare, excludes tools and driver.

² Based on vehicle with standard 235/75R 17.5" front and rear tyres (excludes E WB)



Note: MK 11 250 photo and drawing shown, may not be representative of actual truck

PERFORMANCE (Calculated)

	6 speed with 4.111 diff ratio (F-N) 235/75R 17.5" tyres	5 speed Allison automatic with 4.111 diff ratio (F-N) 235/75R 17.5" tyres	6 speed with 4.555 diff ratio (E) 245/70R 19.5" tyres	5 speed Allison automatic with 4.555 diff ratio (E) 245/70R 19.5" tyres
Max road speed	126 km/h	126 km/h	120 km/h	120 km/h
Gradeability 1st gear	46.4% @ 11,000 kg	41.0% @ 11,000 kg	45.7% @ 11,000 kg	39.2% @ 11,000 kg
Gradeability top gear	3.5% @ 11,000 kg	3.5% @ 11,000 kg	3.8% @ 11,000 kg	4.0% @ 11,000 kg
Estimated rpm @ 100 km/h	2,059 rpm	2,059 rpm	2,163 rpm	2,163 rpm

WARRANTY

Standard warranty+	36 months/150,000 kms	+ For details refer to udtrucks.com.au
Cab corrosion warranty+	36 months/unlimited kms	++Covers selected items only. For details refer to udtrucks.com.au
Optional Extended warranty++	60 months/300,000 kms	

NOTES: *Rated GVM and axle capacities are subject to Federal, State and Territory legal requirements. For automatic models, the rated GVM and GCM is for On Highway applications ONLY, other applications require UD Trucks engineering approval. **OPT GCM, Contact your Authorised Dealer for GCM options available for this model.

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