

# Condor MK 11 280



## SPECIFICATIONS

<b>GVM*</b>	11,000 kg	<b>Power</b>	206 kW @ 2,500 rpm
<b>GCM</b>	15,500 kg	<b>Torque</b>	883 Nm @ 1,400 rpm
<b>Opt GVM*</b>	8,000 kg (on application)	<b>Transmission</b>	UD Trucks 6 speed manual
		<b>Suspension</b>	UD Trucks leaf or Hendrickson airbag

## FEATURES

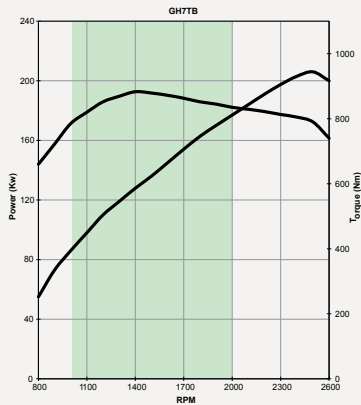
ECE-R29 Cab Strength Compliant	Multi adjustable air suspended driver seat
Drivers SRS airbag and seat belt pretensioner	Cruise control
WABCO ABS (Anti-lock Braking System)	Touch screen multimedia with SD, USB, CD, DVD, 3.5mm inputs
Fleet Max Plus telematics system	ADR42 compliant sleeper cab and mattress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

## 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  
Electrically operated and heated mirrors  
360° visibility with up to 4 optional cameras

## ENGINE

Make	UD Trucks
Model	GH7TB
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)	206 kW (280 ps) @ 2,500 rpm
Max. Power (JIS Gross est.)	214 kW (291 ps) @ 2,500 rpm
Max. Torque (ECE Net)	883 Nm (651 lb/ft) @ 1,400 rpm
Max. Torque (JIS Gross est.)	917 Nm (676 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 bi-pass 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 600mm 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
Alternator	110 amp with built-in IC regulator

## CLUTCH

Make	UD Trucks
Description	Dry single organic plate with push type diaphragm
Disc diameter	380 mm
Mechanism	Hydraulically operated with air assistance

## TRANSMISSION

### 6 SPEED MANUAL

Make	UD Trucks				
Model	MPS63B				
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	<b>1st</b>	7.03	<b>4th</b>	1.50	<b>Rev</b> 7.04
	<b>2nd</b>	4.28	<b>5th</b>	1.00	
	<b>3rd</b>	2.49	<b>6th</b>	0.78	
PTO capability	LHS 300 Nm @ 100% engine speed (nominal ratio)				

## FRONT AXLE AND SUSPENSION SYSTEM

Axle make	UD Trucks
Description	Drop forged steel "I" 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 <b>Load Capacity Summary</b>

## 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	3.900:1

## 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 <b>Load Capacity Summary</b>

## 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 <b>Load Capacity Summary</b>

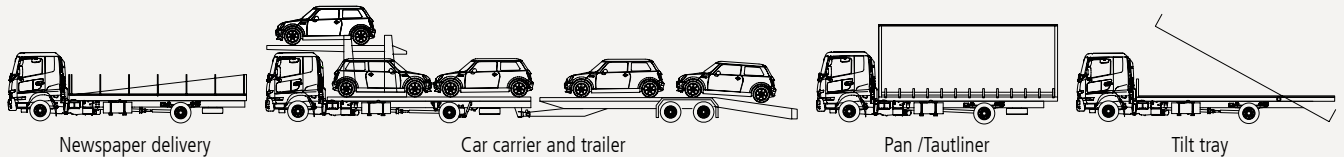
## LOAD CAPACITY SUMMARY

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

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)		
Air pressure	7.2 - 8.5 kg/cm <sup>2</sup>		
	Front	Rear	Total
Drum diameter	320 mm	320 mm	
Lining area	1,360 cm <sup>2</sup>	1,672 cm <sup>2</sup>	3,032 cm <sup>2</sup>
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	Pressed steel disc type 6.75" x 17.5" rim with 131 mm offset - 10TCS, 6 stud (222.25 mm PCD)		
Front tyres	Single 235/75R 17.5" Dunlop SP341, regroovable		
Rear tyres	Dual 235/75R 17.5" Dunlop SP341, regroovable		
Spare tyre	Single 235/75R 17.5" Dunlop SP341, regroovable mounted on Spare Tyre Carrier at rear of chassis		
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 <sup>2</sup>	38 kg/mm <sup>2</sup>	Refer to Body Manual <a href="http://udtrucks.com.au">udtrucks.com.au</a>
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 integrated washers
Reversing system	Rear facing reverse light and audible warning alarm, infra-red camera with microphone
INTERNAL CABIN	
Lighting	Single ON/OFF/DOOR interior lights 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
Cub 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 coverings	Vinyl
FACTORY OPTIONAL EQUIPMENT	
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
Cab paint	Custom paint colours (up to 3 colours per cab)
Front view mirror	Left-hand side close-view spotter mirror
DEALER FIT OPTIONAL EQUIPMENT	
Ratings	Optional GVM 8,000 kg* - for Light Rigid truck license
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

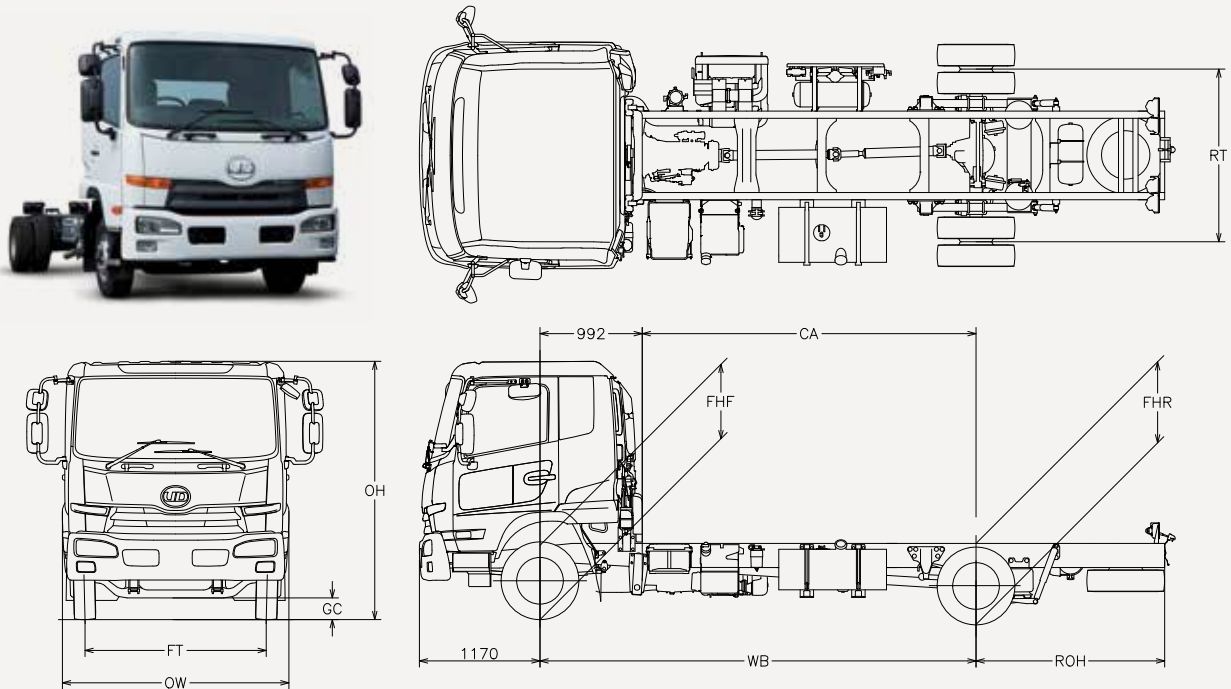


## GENERAL SPECIFICATIONS (Approximate)

		Mass (kg)						Vehicle Dimensions (mm)																						
Variant		Wheelbase code	GVM*	GCM	FA¹	RA¹	Total Tare¹	WB	OL	OW	OH²	FT	RT	ROH	CA	GC²	FHF²	FHR²	FHR² (Lowered height)	Turning radius (kerb to kerb)	UD model code									
UD - Leaf	6 speed	L	11,000	15,500	2,545	1,320	3,865	5,150	8,670	2,200	2,526	1,784	1,680	2,350	4,158	190	758	844	N/A	8,000	MK11280L6L									
HAS200 – air	6 speed	K			2,510	1,380	3,890	4,830	8,130						2,130	3,838					7,500	MK11280K6A								
		L			2,540	1,380	3,920	5,150	8,670						2,200	2,526					1,784	1,680	2,350	4,158	190	758	810	760	8,000	MK11280L6A
		N			2,565	1,400	3,965	5,500	9,630														2,960	4,508					8,500	MK11280N6A

<sup>1</sup> 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.

<sup>2</sup> Based on vehicle with standard 235/75R 17.5 front and rear tyres



Note: MK 11 280 photo and drawing shown, may not be representative of actual truck

## PERFORMANCE (Calculated)

**6 speed MPS manual  
with 3.900 diff ratio  
and 235/75R 17.5" tyres**

Max road speed 126 km/h  
Gradeability 1st gear 60.4% @ 11,000 kg  
Gradeability top gear 4.5% @ 11,000 kg  
Est rpm @ 100 km/h 2,058 rpm

## WARRANTY

Standard warranty+	36 months/150,000 kms	+ For details refer to <a href="http://udtrucks.com.au">udtrucks.com.au</a>
Cab corrosion warranty+	36 months/unlimited kms	++Covers selected items only. For details refer to <a href="http://udtrucks.com.au">udtrucks.com.au</a>
Optional Extended warranty++	60 months/300,000 kms	

NOTES: \*Rated GVM and axle capacities are subject to Federal, State and Territory legal requirements. Optional GVM requires UD Trucks engineering approval see your UD Trucks dealer.

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ISSUE DATE  
APRIL 2016