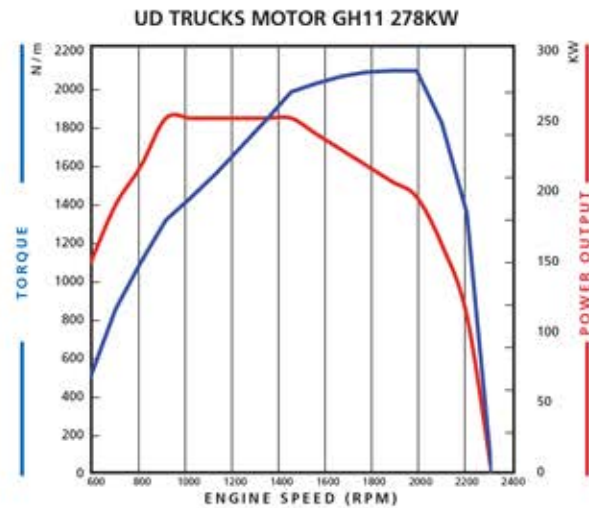


**MODEL:** **CK17-380**  
4 x 2

GVW 16,500kg  
GCW 45,000kg



ENGINE:	
<b>Model</b>	GH11
<b>Type</b>	Six cylinder in line, 24 valve, OHC, 4 stroke direct injection, turbo charged diesel with intercooler
<b>Displacement</b>	10837cc
<b>Bore and stroke</b>	123 x 152mm
<b>Maximum output ECE</b>	378 PS (278 kW) at 1800rpm (nett)
<b>Maximum torque ECE</b>	1790 Nm (1320lb/ft) at 950rpm (nett)
<b>Maximum output JIS</b>	393 PS (289 kW) at 1800rpm (gross)
<b>Maximum torque JIS</b>	1859 Nm (1375lb/ft) at 950rpm (gross)
<b>On load max rpm</b>	2300
<b>Total Oil capacity</b>	33 litres
<b>Lubrication system</b>	Gear pump, flat tube oil cooler, 2 x full flow and 1 x by-pass oil filters.
<b>Air cleaner</b>	Primary and secondary paper element air filters.
<b>Standard air intake</b>	High mounted left hand side
<b>Emission standard</b>	ADR80/03- Euro 5
<b>Primary</b>	Selective Catalytic Reduction (SCR)
<b>AdBlue tank</b>	60 litre polymer tank with lockable cap



Engine Cooling System	
Radiator	Corrugated fin type
Water pump	Centrifugal
Header tank	Expansion type fitted
Temperature control	Wax pellet type thermostat
Fan	680mm mounted on viscous hub

DRIVELINE, ELECTRICAL & FUEL:	
<b>Clutch</b>	
Make	UD Trucks
Type	Dry single plate with push type diaphragm Hydraulically operated with air assist
Clutch diameter	430mm
<b>Front Axle</b>	
Model	UD Trucks Dropped Forged reverse Elliot "I" Beam Rated at 8,200kg
<b>Rear Axle</b>	
Model	UD Trucks
Type	Fully floating pressed steel banjo housing
Factory rated at	10,500kg
<b>Differential</b>	
Model	UD Trucks
Type	Single reduction hypoid
Standard Ratio	3.888:1

Gearbox																																	
Model	UD Trucks ATO2612D – 2 pedal operation																																
Gearshift	Fully automated manual (Escot 5) 12 forward and two reverse gears. Synchronised range and splitter gears.																																
Shift type	Electronic sequential shifter																																
Ratios	<table border="1"> <tr><td>1st</td><td>11.73</td><td>7th</td><td>2.70</td></tr> <tr><td>2nd</td><td>9.21</td><td>8th</td><td>2.12</td></tr> <tr><td>3rd</td><td>7.09</td><td>9th</td><td>1.63</td></tr> <tr><td>4th</td><td>5.57</td><td>10th</td><td>1.28</td></tr> <tr><td>5th</td><td>4.35</td><td>11th</td><td>1.00</td></tr> <tr><td>6th</td><td>3.41</td><td>12th</td><td>0.79</td></tr> <tr><td>Reverse 1</td><td>13.73</td><td></td><td></td></tr> <tr><td>Reverse 2</td><td>10.78</td><td></td><td></td></tr> </table>	1st	11.73	7th	2.70	2nd	9.21	8th	2.12	3rd	7.09	9th	1.63	4th	5.57	10th	1.28	5th	4.35	11th	1.00	6th	3.41	12th	0.79	Reverse 1	13.73			Reverse 2	10.78		
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<b>Electrical System</b>																																	
System	24 volt negative earth																																
Batteries	2 x 12 volt 140 Ah.																																
Alternator	130 amp																																
<b>Fuel system</b>																																	
Tank Capacity	400 litre alloy tank mounted on RHS chassis																																
Fuel system	Ultra high pressure unit injectors																																
Fuel filter	Primary and secondary engine mounted filters																																

## CHASSIS

Type	Ladder channel section side rails
Dimension	275 x 90 x 7mm
Material	Pressed carbon steel 55kg / mm <sup>2</sup> tensile steel
Brakes	<b>Brakes</b>
Service	Dual line full air, wedge type, ABS, EBS with ASR. Oil mist separator and air dryer
Drum dimensions	
Front	410 x 180 mm
Rear	410 x 220 mm
Total lining	6,632 cm <sup>2</sup>
Parking brakes	Spring brakes acting on rear wheels
Auxiliary brakes	Exhaust plus engine decompression brake

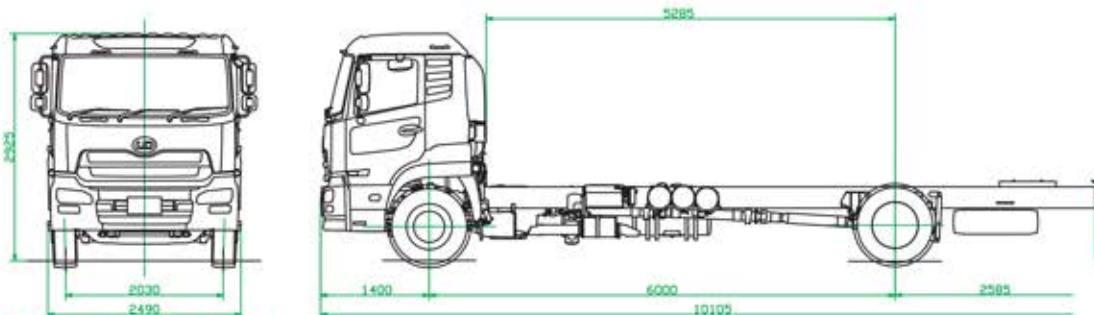
<b>Suspension</b>	
Front	Semi-elliptic 4 taper leaf springs. 90 x 1550mm
Spring constant	43.8 kg / mm per spring
Rear	Hendrickson HAS230 Air suspension
Spring constant	12.8 kg/mm
<b>Steering &amp; Wheels</b>	
Type	Integral power assisted recirculating ball steering box
Reduction ratio	24.1 - 26.8
Steering wheel	460mm diameter moulded polyurethane grip
Steering column	Fore / aft tilt, telescopic and lockable
Road Wheels	Pressed steel disc 8.25 x 22.5, ISO 335mm PCD, 10 stud, 165mm offset
Tyres	Front: 275/70 22.5 tubeless radials Rear : 275/70 22.5 tubeless radials

## CAB & INSTRUMENTS

<b>Gauges</b>	
Instrument gauges	Fuel, dual air pressure, tachometer, AdBlue gauge. Speedometer with odometer and trip meter.
Multi Display	Water temperature, Engine oil temperature, Engine oil pressure day, date and time, service intervals.
<b>Warning Devices</b>	
Warning lamps	Engine control warning, low air pressure, parking brake/spring brake, hazard, air filter element, low oil pressure, oil filter clog, battery charge, SCR trouble, AdBlue quality
Indicator lamps	Turn signal, EE/exhaust brake, air heater, high beam, cruise control, non ABS trailer
<b>Audible warning</b>	
Devices include	Low air pressure, Engine system, Engine oil low level, Engine oil pressure, Overheat, Coolant level, Engine oil temp, EBS, Large clutch load, Defective range shift warning, Reverse buzzer, N setting buzzer, AdBlue low level.
<b>Exterior</b>	
Type	Steel construction fully suspended forward control Meets ECE-R29 safety standard. FUPS bars standard
Cab suspension	Full air suspension with hydraulic shock absorbers
Tilting	Electric-Hydraulic tilt system to 65 deg
Windshield	Laminated tinted safety glass
Windshield wiper	Three 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, engine oil)
Mirrors	Heated and electrically operated main mirrors. Passenger side rear and downward spotter mirrors

<b>Interior</b>	
Drivers seat	Cloth trimmed high-back multi adjustable air suspended seat with automatic height control. 3 point ELR lap sash seatbelts
Passengers seat	Cloth trimmed reclining high-back type fixed seat with lift up base. 3 point ELR lap sash seatbelts
Sun visors	Driver and passenger side
Overhead tray	Document holders on drivers and passenger side
Cup holder	Hot/cold holder in centre consol
Floor covering	Vinyl
Bunk	Bed in rear of cab, cloth trimmed type
<b>Standard equipment</b>	
Control switches	Two stalk controls which incorporate 1. Turn signal, lighting 2. Wiper/washer/engine/exhaust brake, hazard warning, cruise control
Features	<ul style="list-style-type: none"> <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</li> <li>• UD Trucks Multi Media double din audio system</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>
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>• Roof marker lamps</li> <li>• License plate lamp</li> </ul>

## Dimensions & Performance



### Cab & Chassis Weights Kg

Model CK17-380	Front	Rear	Total
* With 20 litres of fuel, no spare wheel or tools	4360	2030	6390
* With 400 litres of fuel, spare wheel and tools	4510	2320	6900

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

Overall height 2925mm  
Chassis width 840mm  
Chassis height at R/A 940 mm



**UD TRUCKS**