

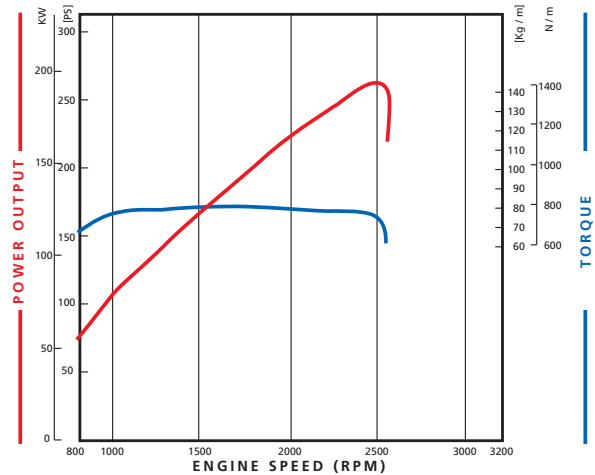
**MODEL:** **PKC265 / PKC265AS**  
**9 Speed**  
4 x 2

GVW 16000kg  
GCW 32000kg



ENGINE:	
Model	J08E-TB, A vendor supplied engine
Type	Six cylinder in line, OHC, 4 valves per cylinder, 4 stroke, direct injection, turbo charged diesel with intercooler
Displacement	7684cc
Bore and stroke	112 x 130mm
Maximum output ISO	263 PS (193 kW) at 2500rpm (nett)
Maximum torque ISO	794Nm (586lb/ft) at 1500rpm (nett)
On load max rpm	2550
Compression ratio	18.0:1
Total oil capacity	12.7 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	ADR80/02- Japan 05LT
EGR system	Cooled exhaust gas re-circulation

UD TRUCKS MOTOR J08E-TB ENGINE PERFORMANCE CURVE



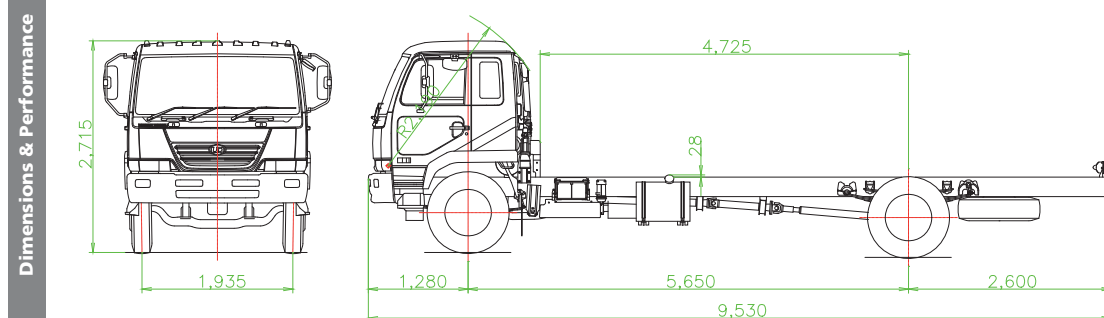
Engine Cooling System	
Radiator	Corrugated fin type
Water pump	Centrifugal
Header tank	Expansion type fitted
Temperature control	Wax pellet type thermostat
Lubricating oil	Oil cooler fitted
Fan	8 blade, mounted on viscous hub

DRIVELINE, ELECTRICAL & FUEL:	
Make	UD Trucks
Type	Dry single plate, Air servo-assisted Hydraulically operated release system
Clutch diameter	380mm
<b>Front Axle</b>	
Model	UD Trucks FA50 Dropped Forged reverse Elliot "I" Beam Rated at 6500kg
<b>Rear Axle</b>	
Model	UD Trucks RA1A
Type	Fully floating pressed steel banjo housing
Factory rated at	11,500kg
<b>Differential</b>	
Model	UD Trucks
Type	Single reduction hypoid
Standard Ratio	4.111:1

<b>Gearbox</b>				
Model	Eaton FS-6109A. Nine forward speeds, Two reverse Syncromesh on all forward gears. Constantmesh on reverse			
Gearshift	Mechanical remote control			
Ratios		(Low)		(High)
	Low	12.637		
	1st	8.806	5th	2.481
	2nd	6.550	6th	1.845
	3rd	4.768	7th	1.343
	4th	3.548	8th	1.000
	Rev	13.210	Rev	3.720
<b>Electrical System</b>				
System	24 volt negative earth			
Batteries	2 x 12 volt 120 Ah.			
Alternator	60 amp with built-in IC regulator			
<b>Fuel system</b>				
Tank Capacity	200 litre steel tank on LHS chassis			
Fuel system	Electronic controlled common rail injection system			
Fuel filter	Replaceable dry paper elements			

CHASSIS	Chassis		Suspension		
	Type	Ladder channel section side rails	Front	Semi-elliptic tapered leaf springs. 80 x 1400mm	
	Dimension	250 x 80 x 8mm, 274 x 72 x 3.2 inner	Spring constant	29.9 kg / mm per spring	
	Width	860mm	Rear - Spring Option	Semi-elliptic 2 stage leaf. 9 main springs 80mm x 1600mm 8 helper springs 80mm x 1100mm	
	Material	Pressed carbon steel	Spring constant	113.1 kg/mm	
	Brakes	Brakes		Rear - Air Option	Hendrickson HAS230, 2 bag fully floating with torque rod and shock absorbers
	Service	Full air brake dual line system		Steering & Wheels	
	Drum dimensions			Type	Integral power assisted recirculating ball steering box
	Front	410 x 150 mm		Reduction ratio	Variable between 18.8 and 16.1
	Rear	410 x 220 mm		Steering wheel	460mm diameter moulded polyurethane grip
CAB & INSTRUMENTS	Total lining	6128 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 8.25 x 22.5, ISO 10 stud, 165mm offset
	Auxiliary brakes	Exhaust butterfly type brake		Tyres	275/70 R 22.5 tubeless radials
	ABS	Wabco 4 channel			

CAB & INSTRUMENTS	Gauges		Interior	
	Instrument gauges	Fuel, water temperature, dual air pressure, tachometer, 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
	Warning Devices		Passengers seat	Cloth trimmed reclining high-back type fixed seat with 3 point ELR lap sash seatbelts
	Warning lamps	Engine control warning, low air pressure, ABS, parking brake/spring brake, hazard, air filter element, low oil pressure, battery charge	Sun visors	Driver and passenger side.
	Indicator lamps	Turn signal, exhaust brake, air heater, high beam, cruise control	Overhead tray	Document holders on drivers and passenger side
	Audible warning		Cup holder	Slide out of dash
	Devices include	Low air pressure, coolant level and overheating, reversing	Floor covering	Vinyl
	Exterior		Bunk	Bed in rear of cab, cloth trimmed type
	Type	Steel Construction fully suspended forward control	Standard equipment	
	Cab suspension	Spring suspension with hydraulic shock absorbers	Control switches	Two stalk controls which incorporate 1. Turn signal, lighting, cruise control 2. Wiper/washer/engine/exhaust brake, hazard warning
DIMENSIONS & PERFORMANCE	Tilting	Torsion bar type	Features	<ul style="list-style-type: none"> <li>• Door intrusion bars</li> <li>• Air conditioner/Heater demister - 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>
	Windshield	Laminated tinted safety glass	Lamps	<ul style="list-style-type: none"> <li>• Halogen head lamps</li> <li>• Hazard / Turn signal</li> <li>• Clearance lamps</li> <li>• Stop / Tail lamps</li> <li>• Reversing Lamp</li> <li>• License plate lamp</li> </ul>
	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		



## Cab & Chassis Weights Kg

With 200 litres of fuel, spare wheel and tools			
Model	Front	Rear	Total
PKC265- Leaf	2960	2170	5130
PKC265 Air	2930	2110	5040

**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**