### Engine
- **Model**: UD Trucks GH7
- **Type**: Six cylinder inline, OHC, 4 valves per cylinder, 4 stroke, direct injection, turbo charged diesel with intercooler
- **Displacement**: 7013cc
- **Bore and Stroke**: 110 x 123mm
- **Maximum Power ECE**: 206Kw (280ps) at 2500rpm (nett)
- **Maximum Power JIS**: 214Kw (291ps) at 2500rpm (gross est)
- **Maximum torque ECE**: 883 Nm (651lb/ft) at 1400rpm (nett)
- **Maximum torque JIS**: 917 Nm (679lb/ft) at 1400rpm (nett)
- **On load max rpm**: 2600
- **Compression ratio**: 17.5:1
- **Oil capacity**: 17.4 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**: Euro 5
- **SCR system**: Selective Catalytic Reduction

### Clutch
- **Make**: Nissan Diesel
- **Type**: Dry single plate, Air servo-assisted Hydraulically operated release system
- **Clutch diameter**: 380mm

### Front Axle
- **Model**: UD Trucks Dropped Forged reverse Elliot “I” Beam
- **Rated at**: 6,500kg

### Rear Axle
- **Model**: UD Trucks
- **Type**: Fully floating pressed steel banjo housing
- **Factory rated at**: 11,000kg

### Differential
- **Model**: UD Trucks
- **Type**: Single reduction hypoid
- **Standard Ratio**: 4.111:1

### Gearbox
- **Model**: Eaton ES-11109. Nine forward speeds, Two reverse
- **Syncromesh**: on all forward gears. Constantmesh on reverse
- **Gearshift**: Mechanical remote control with air assistance

### Driveline, Electrical & Fuel

<table>
<thead>
<tr>
<th>PKC280/PKC280AS-9 speed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GVW</strong> 16500kg</td>
</tr>
<tr>
<td><strong>GCW</strong> 32000kg</td>
</tr>
</tbody>
</table>

### Electrical System
- **System**: 24 volt negative earth
- **Batteries**: 2 x 12 volt 115 Ah.
- **Alternator**: 130 amp with built-in IC regulator

### Fuel System
- **Tank Capacity**: 200 litre steel tank on LHS chassis
- **Electronic controlled common rail injection system**: Cartridge type primary and secondary filters with water separator.
- **AdBlue tank**: 50 litre capacity
### Chassis

<table>
<thead>
<tr>
<th>Type</th>
<th>Ladder channel section side rails</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension</td>
<td>250 x 80 x 8mm</td>
</tr>
<tr>
<td>Width</td>
<td>860mm</td>
</tr>
<tr>
<td>Material</td>
<td>Pressed carbon steel</td>
</tr>
<tr>
<td>Brakes</td>
<td></td>
</tr>
<tr>
<td>Service</td>
<td>Full air dual line system, automatic adjusting tapper roller</td>
</tr>
<tr>
<td>Drum dimensions</td>
<td>410mm</td>
</tr>
<tr>
<td>Front</td>
<td>2,480 cm²</td>
</tr>
<tr>
<td>Rear</td>
<td>1,672 cm²</td>
</tr>
<tr>
<td>Total lining</td>
<td>6,128 cm²</td>
</tr>
<tr>
<td>Parking brakes</td>
<td>Spring brakes acting on rear wheels</td>
</tr>
<tr>
<td>Auxiliary brakes</td>
<td>Exhaust butterfly type brake</td>
</tr>
<tr>
<td>ABS</td>
<td>Wabco 4 channel</td>
</tr>
</tbody>
</table>

### Brakes

- Service: Full air dual line system, automatic adjusting tapper roller
- Drum dimensions: 410mm
- Front: 2,480 cm²
- Rear: 1,672 cm²
- Total lining: 6,128 cm²
- Parking brakes: Spring brakes acting on rear wheels
- Auxiliary brakes: Exhaust butterfly type brake
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### Service

- Full air dual line system, automatic adjusting tapper roller
- Drum dimensions: 410mm
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- Parking brakes: Spring brakes acting on rear wheels
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- ABS: Wabco 4 channel

### Suspension

- Front: 3 x Semi-elliptic tapered leaf springs, 80 x 1400mm
- Spring constant: 33.5 kg / mm per spring
- Rear - Spring Option: 112.5kg/mm
- Rear - Air Option: Hendrickson HAS 230, 2 bag fully floating with torque rod and shock absorbers

### Steering & Wheels

- Type: Integral power assisted recirculating ball steering box
- Reduction ratio: 22.4:1
- 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, 10 stud, 165mm offset
- Tyres: 275/75 R 22.5 tubeless radials

### Gauges

- 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

### Warning Devices

- 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
- Indicator lamps: Turn signal, Exhaust brake, air heater, high beam, cruise control

### Audible warning

- Devices include: Low brake fluid, low air pressure, coolant level and overheating, reversing, oil temp, engine over run, EHS system

### Exterior

- Type: Steel Construction fully suspended forward control ECE R29 compliant
- Cab suspension: Spring suspension with hydraulic shock absorbers
- Tilting: Torsion bar type
- 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

### Interior

- 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 3 point ELR lap sash seatbelts
- Sun visors: Driver and passenger side
- Overhead tray: Document holders on drivers and passenger side
- Cup holder: Slide out of dash
- Floor covering: Vinyl
- Bunk: Bed in rear of cab, cloth trimmed type

### Standard Equipment

- Control switches: Two stalk controls which incorporate 1. Turn signal, lighting, cruise control 2. Wiper/washer/engine/exhaust brake, hazard warning
- Features: SRS Drivers air bag with seatbelt pre-tensioner
- Lamps: Halogen head lamps
- Other: Electric horn, electric window, foot rest, spare wheel, equipped tire carrier, tool kit

### Cab & Chassis Weights Kg

- With 200 litres of fuel, 50 litres AdBlue, spare wheel and tools

<table>
<thead>
<tr>
<th>Model</th>
<th>Front</th>
<th>Rear</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>PK 16-250/9 Leaf</td>
<td>3230</td>
<td>2120</td>
<td>5350</td>
</tr>
<tr>
<td>PK 17-250/9 Air</td>
<td>3220</td>
<td>2100</td>
<td>5320</td>
</tr>
</tbody>
</table>

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

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**UD Truck Distributors (NZ) Ltd, P O Box 76 326, Manukau City 2241.**

This specification sheet applies to vehicles supplied by UD Truck Distributors (NZ) Ltd for the New Zealand market from September 2011. In accordance with UD Trucks Corporation policy of continuous improvement, the right is reserved to change specifications without notice.