SPECIFICATIONS

<table>
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<tr>
<th>Specification</th>
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<tr>
<td>GVM*</td>
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<tr>
<td>GCM</td>
<td>20,500 kg</td>
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<tr>
<td>Opt GCM**</td>
<td>26,000 kg - 6 speed (on application)</td>
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<td></td>
<td>32,000 kg - 9 speed (on application)</td>
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<td>32,000 kg - Automatic (on application)</td>
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<tr>
<td>Power</td>
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<tr>
<td>Torque</td>
<td>883 Nm @ 1,400 rpm</td>
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<tr>
<td>Transmission</td>
<td>UD Trucks 6 speed manual Eaton 9 speed manual Allison 6 speed automatic</td>
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<tr>
<td>Suspension</td>
<td>Hendrickson Airbag Suspension, HAS</td>
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FEATURES

- ECE-R29 Cab Strength Compliant
- Drivers SRS airbag and seat belt pretensioner
- WABCO ABS (Anti-lock Braking System)
- Allison Generation 5 Automatic transmission
- ADR84/00 (ECE-R93) integrated Front Underrun Protection (FUPS)
- Fleet Max Plus telematics system
- Multi adjustable air suspended driver seat
- Cruise control
- Easy Hill Start (EHS) - manual models only
- Touch screen multimedia with SD, USB, CD, DVD, 3.5mm inputs
- ADR42 compliant sleeper cab and mattress
- Heated and electronically operated external mirrors

Note: PK 17 280 shown may not be representative of actual vehicle. Model shown with optional 2nd 200L fuel tank.
SAFETY
ECE-R29 Cab strength compliant
ADR84/00 (ECE-R93) integrated Front Underrun Protection (FUPS)
SRS drivers airbag with seat belt pretensioner
WABCO ABS (Anti-lock Braking System)
Electrically operated and heated mirrors
360° visibility with up to 4 optional cameras

ENGINE
Make: UD Trucks
Model: GH7TB
Description: 4 cycle, direct injection, diesel engine with overhead cam, 4 valves per cylinder, water cooled and intercooler with variable turbocharging system.
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 (291 ps) @ 2,500 rpm
Max. Torque (ECE Net): 883 Nm (651 lb/ft) @ 1,400 rpm
Max. governed engine speed: 2,600 rpm
Max. Torque (JIS Gross est.): 917 Nm (676 lb/ft) @ 1,400 rpm
Max. Power (JIS Gross est.): 214 kW (291 ps) @ 2,500 rpm
Compression ratio: 17.5:1
Bore x stroke: 110 mm x 123 mm

FUEL AND INTAKE SYSTEM
Injection type: Ultra high pressure common rail injection system
Filteration: Chassis mounted primary and engine mounted secondary
Capacity: 200 litre steel tank with lockable cap 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 standard)
Emission system: Selective Catalytic Reduction (SCR)
AdBlue® capacity: 50 litre polymer tank with lockable cap on LHS chassis
Exhaust system: Primary dry paper element air filter on RHS under cab

Lubrication system
Compressed air system
Cooling System

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EXHAUST AND EMISSION CONTROL
Emission standard: ADR80/03 (Euro 5 emission standard)
Emission system: Selective Catalytic Reduction (SCR)
Exhaust system: Primary dry paper element air filter on RHS under cab

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 (manual models only)
Make: UD Trucks
Description: Dry single organic plate with push type diaphragm
Disc diameter: 380 mm
Mechanism: Hydraulically operated with air assistance

TORQUE CONVERTER (automatic models only)
Make: Allison
Model: TC 415
Description: One stage, three element, polyphase. Includes standard integral damper with lock-up function
Stall torque ratio: 2.35:1

TRANSMISSION/S
6 SPEED MANUAL
Make: UD Trucks
Model: MPS63B
Description: Six forward speeds and one reverse, synchomesh
Shift type: Mechanically remote control operated shift
Gear ratios: 1st 7.03 4th 1.50 Rev 7.04
2nd 4.28 5th 1.00
3rd 2.49 6th 0.78
PTO capability: LHS 300 Nm @ 100% engine speed (nominal ratio)

9 SPEED MANUAL
Make: Eaton
Model: ES11109
Description: Nine forward synchomesh speeds and one non-synchro reverse
Shift type: Mechanically remote control operated shift
Gear ratios: 1st 12.64 4th 4.77 7th 1.85
2nd 8.81 5th 3.55 8th 1.34
3rd 6.55 6th 2.48 9th 1.00
Rev 13.21
PTO capability: Two LHS and one rear openings available

6 SPEED AUTOMATIC
Make: Allison Generation 5
Model: 3060P
Description: Six forward speeds and one reverse. Fully automatic Allison Gen5 adaptive shift with power and EcoFleet modes
Shift type: Electronic push button controller
Gear ratios: 1st 3.49 4th 1.00 Rev 5.03
2nd 1.86 5th 0.75
3rd 1.41 6th 0.55
PTO capability: Flywheel type drive with LHS and RHS openings 660 Nm using one opening, or 930 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 “I” section beam, “ELLIOT” type
Suspension: Long taper leaf spring with anchor at front and shackle at rear
Dimensions (mm): 80 mm x 1,400 mm
Number of leaves: 3
Spring constant: 343 N/mm (35.0 kg/mm)
Number of springs: 2 airbags
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 - 5.143:1
6 speed automatic - 6.166:1
9 speed manual - 4.331:1

AIR SUSPENSION
Description: Hendrickson HAS230 - Road Friendly compliant
Air spring diameter: 320 mm
Number of springs: 2 airbags
Spring constant: 125 N/mm (12.8 kg/mm)
Shock absorbers: 2 telescopic double acting
Road Friendly Certification Number (RFCN): RF2022
Control system: WABCO ECAS (Electronic Controlled Air Suspension) with programmable remote control in cab
Max. ground capacity: Refer to the Load Capacity Summary on Page 3

Load Capacity Summary on Page 3
LOAD CAPACITY SUMMARY

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<tr>
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<th>Front (kg)</th>
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<td>Steering/suspension</td>
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<td>Tyres</td>
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<tr>
<td>Max. ground capacity*</td>
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BRAKES

- Type: WABCO ABS (Anti-lock Braking System)
- Description: Full air brake, dual line system, with aluminium air tanks, automatic adjusting taper roller drum brakes, 4 channel ABS
- Air pressure: 7.2 - 8.5 kg/cm²
- Drum diameter: Front 410 mm, Rear 410 mm
- Lining area: Front 2,480 cm², Rear 3,648 cm², Total 6,128 cm²
- Park brakes: Hand operated pneumatically controlled spring park brake on drive axle
- Auxiliary brake: Butterfly type exhaust brake

STANDARD DRIVER AIDS

- Safety equipment: ECE-R29 Cab strength compliant
- SRS driver steering wheel airbag
- SRS driver seat belt pretensioner
- 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: ECE-R29 compliant
- 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: 2 piece pressed steel and fibre-glass 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 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
- Cab 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 outlets: 24 volt 240 W cigarette lighter/power outlet
- Accessory fitment: Two DIN sized compartments for accessory fitment
- Floor coverings: Vinyl

FACTORY OPTIONAL EQUIPMENT (indent order)

- Tyres: 275/70R22.5 (6,300 kg front axle capacity)
- Suspension: Multi-leaf front springs 294 N/mm (29.9 kg/mm)
- Fuel Capacity: 200 litre LHS chassis mounted auxiliary tank with lockable cap (except H wheelbase)
- 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

- Rear engine PTO: 343 Nm torque capacity @ 120% engine speed
- Transmission PTO: Specific to application refer to dealer
- Cameras: Up to 3 additional cameras connected to the in-dash multimedia unit
### General Specifications (Approximate)

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</table>

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 295/80R 22.5” front and 11R 22.5” rear tyres.

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### Performance (Calculated)

- **6 speed MPS manual with 5.143 diff ratio and 11R 22.5” tyres**
  - Max road speed: 100 km/h (ADR65/00 - speed limited)
  - Gradeability 1st gear: 36% @ 16,500 kg
  - Gradeability top gear: 2.8% @ 16,500 kg
  - Est rpm @ 100 km/h: 2,095 rpm

- **6 speed Allison automatic with 6.166 diff ratio and 11R 22.5” tyres**
  - Max road speed: 100 km/h (ADR65/00 - speed limited)
  - Gradeability 1st gear: 55.8% @ 16,500 kg
  - Gradeability top gear: 2.8% @ 16,500 kg
  - Est rpm @ 100 km/h: 2,104 rpm

- **9 speed Eaton manual with 4.333 diff ratio and 11R 22.5” tyres**
  - Max road speed: 100 km/h (ADR65/00 - speed limited)
  - Gradeability 1st gear: 54.2% @ 16,500 kg
  - Gradeability top gear: 3.2% @ 16,500 kg
  - Est rpm @ 100 km/h: 2,246 rpm

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### Warranty

- **Standard warranty+**
  - 36 months/200,000 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/350,000 kms

**NOTES:**

- *Rated GVM and axle capacities are subject to Federal, State and Territory legal requirements.
- **OPT GCM, Contact your Authorised Dealer for GCM options available for this model.

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