



CRONER

PK 18 280 TIPPER

4x2



OVERVIEW

Power:	206 kW (280 PS) @ 2,200 rpm
Torque:	1,050 Nm (774 lb.ft) @ 1,100 rpm
Transmission:	Allison 3000 Series
Suspension:	Multi-leaf spring
GVM:	15,000 kg
GCM:	32,000 kg

UD Trucks Distributors (NZ) Ltd
udtrucks.co.nz

CRONER UNIQUE FEATURES

-  **DRIVER EFFICIENCY** Allison automatic transmission, clear dashboard layout and ergonomic cab means less fatigue for the driver.
-  **PRODUCTIVITY** Wheelbase, rear-axle ratio and suspension options so you can optimise your truck for maximum productivity.
-  **PRODUCT UPTIME** Robust component design and a high tensile steel frame, manufactured and tested to deliver optimal performance.
-  **FUEL EFFICIENCY** High torque GH8E engine, Allison automatic transmission and UD's on-board fuel coach to maximise fuel efficiency.
-  **SAFETY** Anti-lock Braking System (ABS), Electronic Brakeforce Distribution (EBD), driver's airbag and seatbelt pretensioner as standard.
-  **UPTIME SUPPORT** Genuine service, parts, roadside assistance, driver training and telematics – support services to keep your truck on the road.

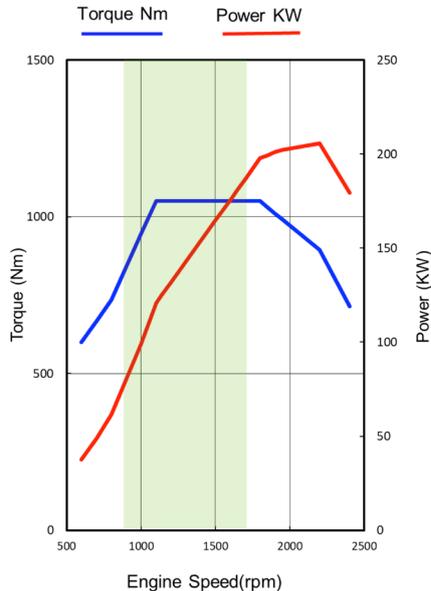
GENERAL SPECIFICATIONS

SAFETY

Passive Safety:	ECE R29 cab strength compliant ADR84 (ECE R93) Front Underrun Protection System (FUPS) SRS airbag with seat belt pretensioner
Basic Safety:	Electronic brakeforce distribution (EBD) Daytime running lights (DRL's) Front view spotter mirror

ENGINE

Model:	GH8E
Description:	6 cylinder, 4 stroke diesel engine
Displacement:	7,698 cc
Bore x stroke:	110 mm x 135 mm
Compression ratio:	17.5:1
Max. Power (ECE Net):	206 kW (280 PS) @ 2,200 rpm
Max. Torque (ECE Net):	1,050 Nm (774 lb.ft) @ 1,100 rpm
Max. governed engine speed:	2,500 rpm



FUEL AND INTAKE SYSTEM

Fuel capacity:	255 litre alloy tank with lockable cap
Injection type:	High pressure common rail direct fuel injection system
Filtration:	Chassis mounted primary filter and engine mounted secondary filter

EMISSION CONTROL

Emission standard:	Euro 5 emission standard
Emission system:	Selective Catalytic Reduction (SCR)
Adblue capacity:	50 litres
Exhaust system:	RHS chassis mounted box muffler

ELECTRICAL

Power:	24 volt, negative ground system
Battery capacity:	2 x 12 volt 110 Ah batteries
Alternator:	90 amp

TRANSMISSION

Make:	Allison
Model:	3000 Series
Description:	6 speed fully automatic with Gen 5 adaptive shift
Shift type:	Push button shift selector
Gear ratios:	1st 3.49 2nd 1.86 Rev 1 5.03 3rd 1.41 4th 1.00 5th 0.75 6th 0.65
PTO capability:	660 Nm using LHS or RHS openings 930 Nm total using both openings

TORQUE CONVERTER

Make:	Allison
Model:	TC-418
Stall torque ratio:	1:98:1

FRONT AXLE AND SUSPENSION SYSTEM

Ground capacity:	6,500 kg
Axle type:	Reverse Elliot I-Beam
Suspension:	Parabolic leaf spring with shock absorbers
Spring dimensions:	80 mm x 1,400 mm
Spring constant:	374 N/mm

REAR AXLE AND SUSPENSION SYSTEM

Ground capacity:	11,000 kg
Axle type:	Single reduction, hypoid gear
Final reduction ratio:	5.57
LEAF SUSPENSION:	
Description:	Multi-leaf spring
Leaf dimensions:	80 mm x 1,275 mm

BRAKES

Type:	Anti-lock Braking System (ABS)
Description:	Full air brake system with automatic adjusting S cam
Drum diameter:	Front 410 mm Rear 410 mm Total
Lining area:	2,094 cm ² 2,094 cm ² 4,188 cm ²
Park brakes:	Hand-operated pneumatic spring park brake on drive axle
Auxiliary brake:	Exhaust pressure governor (EPG)
Trailer connections:	Air and electrical connections to rear of chassis

STEERING

Type:	Recirculating ball and screw with hydraulic assist
Steering gear ratio:	22.4:1
Column:	Adjustable, tilt and telescopic control
Steering wheel:	460 mm diameter with ignition key steering lock

WHEELS & TYRES

Wheels:	8.25in x 22.5in rim with 165mm offset and ISO 10 stud pattern (335mm PCD)
Front tyres:	275/70 R22.5 Bridgestone
Rear tyres:	275/70 R22.5 Bridgestone
Spare tyre:	275/70 R22.5 Bridgestone

FRAME

Width:	850 mm
Side rail dimensions:	236 mm x 70 mm x 7 mm
Material:	Rolled high tensile carbon steel
Tensile strength:	Min. 700 N/mm ² (71.3 kgf/mm ²)

STANDARD DRIVER AIDS

Warning systems:	23 visual warning lamps plus written warnings displayed on LCD screen
Driver assistance:	Driver information including: date, time, oil pressure, voltmeter, trip information Electronic stalk mounted cruise control

INTERNAL CABIN

Lighting:	Dual ON/OFF/DOOR interior lights LED interior cabin lamp
Seating capacity:	Three
Driver's seat:	Air-suspended seat with adjustable shock absorber, recliner, height control and armrest
Passenger seat/s:	Assistant seat with adjustable head rest Foldable centre seat
Sleeping capability:	Rest area with mattress
Side windows:	Power operated door glass
Security:	Central locking
Air conditioning:	Manual controlled HVAC with recirculation filter
Multimedia unit:	6.5" capacitive multi-touch screen TFT 800x480 RGB min USB: 1 x front, 3 x rear automotive 2GB RAM and 16GB total flash memory Bluetooth 4.1 - A2DP with hands free, phone contacts transfer, call history & SMS WIFI embedded 802.11 b/g/n Built in Gyro Built in chipset GPS with external antenna Internal microphone with optional external Camera inputs: 4 inputs, reverse, body, left & right side. Hardwire reverse camera input with CAN interface
Storage:	Multiple in-cab compartments
Power outlet:	24 volt 240W power outlet (dashboard) 12 volt 120W power outlet (console)
DIN accessory fitment:	Two DIN sized compartments
Floor covering:	Vinyl

EXTERNAL CABIN

Cab Description:	Forward control, pressed steel construction
Mounting type:	Spring suspended cab with 2 dual acting shock absorbers
Cab paint:	Standard – Calm White
Inspection points:	Back of the cab and front panel
Bumper type:	3 piece with steel corner panels
Mirrors:	Heated and electrically operated main mirrors with flat glass, wide vision and passenger-side downward facing spot mirrors
Lamps:	Halogen multi-reflector head lamps Bumper mounted fog lamps Roof mounted clearance lights
Wipers:	2-speed wipers with intermittent operation
Reversing system:	Reverse beeper

BODY DESCRIPTION

Volume:	6 m ³
Tipping angle:	49 degrees
Weight:	Approx. 2850 kg (body + sub-frame + hydraulics)
Material thickness:	Floor 6 mm mild steel. Sides, tailgate & headboard 4 mm mild steel
Accessories:	Spring tensioned flexible rubber mudguards with rubber mudflaps
Tailgate door:	Multi-purpose door; top-hinged & side-hinged
Cylinder:	Front-end Hyver FC A118-3-HC cylinder. Hard chromed hoist

DEALER FIT OPTIONAL EQUIPMENT

Transmission PTO:	Specific to application (refer to dealer)
Cameras:	Up to 4 additional analogue cameras connected to the multimedia unit

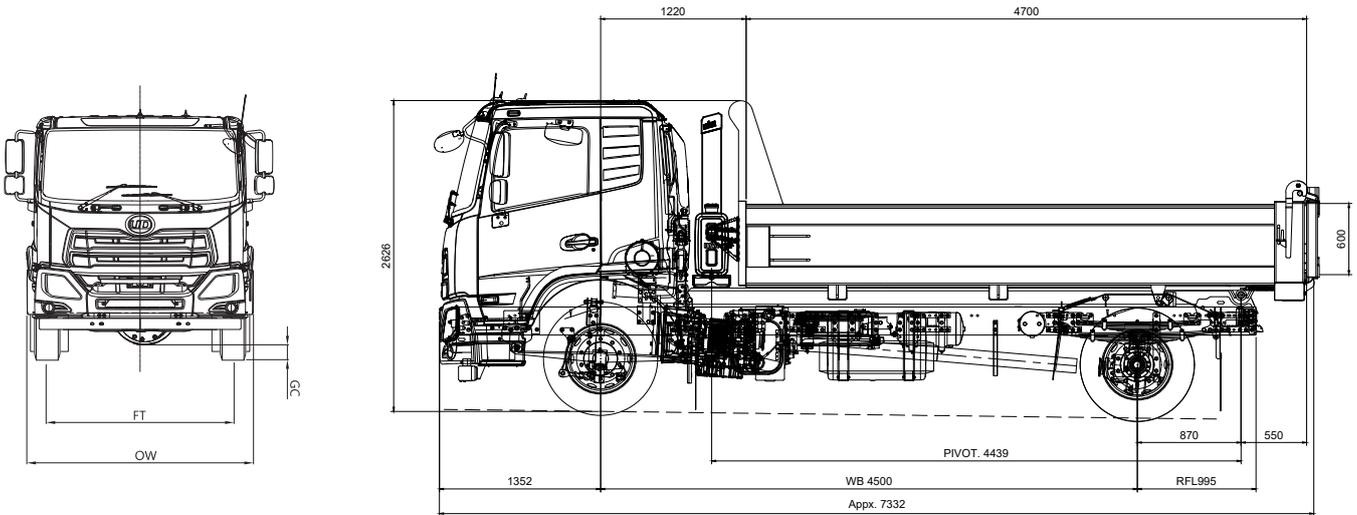
PK Models available with 12000kg GVM on application:
Refer to your Dealer.



WEIGHTS AND DIMENSIONS (approx.)

Variant	Model	Mass (kg)					Vehicle Dimensions (mm)				
		GVM*	GCM	Front Tare ^{1, 3}	Rear Tare ^{1, 3}	Total Tare ^{1, 3}	WB	OL	OW	FT ⁴	Turning radius (kerb to kerb)
Leaf	PK18280TIPPER	15000	32000	4200	3380	7600	4500	7332	2486	2036	7900

*Rated GVM and axle capacities are subject to legal requirements.
¹ Mass is an estimation only based on standard model, includes fluids (not Diesel fuel or AdBlue). Excludes driver and tools.
² Based on vehicle with standard wheels and tyres.



WARRANTY

Standard warranty

24 months / 200,000 kms

For details refer to your UD Trucks New Vehicle Warranty brochure

Major components

36 months / 200,000 kms