



UD TRUCKS

THE ALL NEW

Croner

Make Every Moment Count



Going the Extra Mile

PKE42R Specifications

PERFORMANCE

Performance based on GVW 17,000kg and wheelbase 5,500mm

Max. speed km/h	Gradeability (tan Ø)%	Transmission	Final ratio
107	30.70	ST1006 (Manual)	3.90

ENGINE

Make / Model	UD Trucks GH8E 250 EC01 Diesel Engine
Euro Emission	Euro 3
Type	Flat Torque engine, 4 cycles, direct injection, water cooled, in-line diesel engine, turbocharged with intercooler
Number of cylinders	6
Bore x Stroke	110mm X 135mm
Total piston displacement	7,698 cc
Max. output	250 HP (186 kW) @ 2,200 rpm
Max. torque	97 kg.m (950 N.m) @ 1,100 - 1,700 rpm
Fuel system	Common rail fuel injection system
Air intake	Impregnated paper air element, high air intake with safety net
Fuel tank	190 litres x 2 (c/w lockable fuel filler cap and anti-spillage device)

CHASSIS

Clutch system	Dry single plate, 395mm diameter, air assisted hydraulic operated clutch release mechanism
Front axle	Reverse Elliot "I" beam type
Rear axle	Full - floating, pressed steel benjo housing
Final reduction gear	Single reduction, hypoid gear
Steering	Hydraulic power assistance, impact absorbing, adjustable tilt / telescopic steering wheel
Service brake	Fully pneumatic brake on all wheels, S-cam type with automatic slack adjuster, equipped with Anti-lock Braking System (ABS) and Electronic Brake Distribution (EBD)
Parking brake	Pneumatically controlled spring brake acting on all wheels
Auxiliary braking system	Exhaust brake (Exhaust pressure governor)
Front suspension	Parabolic leaf springs with shock absorber and stabilizer bar
- Leaf spring (Width x Span)	80mm x 1,400mm
Rear suspension	Multi-leaf springs with shock absorber
- Leaf spring (Width x Span)	80mm x 1,275mm (Main); 80mm x 900mm (Auxiliary)

TRANSMISSION

Make / Model	UDT ST1006
Type	Synchronized direct drive; 6 forward speeds and one reverse
Gear ratio	1st: 8.71 2nd: 4.90 3rd: 2.93 4th: 1.87 5th: 1.30 6th: 1.00 Rev: 8.02
Gear shift	Cable gear shift linkage remote control

WHEELS & TYRES

Tyres	295/80R22.5
Rim	Pressed steel disc type, 8.25 x 22.5 ISO 10 studs
Spare wheel	One spare wheel / tyre with lockable carrier

FRAME

Frame	Ladder type, wider frame profile at front, rivetless top, cold rolled, low weight high tensile steel VSHR590
Main frame dimensions	236mm x 70mm x 8mm

ELECTRICAL EQUIPMENT

Battery	110 A.h 12 Volt x 2 (with battery cover and isolator switch)
Alternator	24 volts 90 Ampere
Headlights	Halogen headlight, headlight level control switch
Others	Tail light, stop light, license light, position light, turn signal light, back-up light, reverse buzzer, horn

CABIN

Type - Standard	Aerodynamic design sleeper cab, torsion bar tilt system
Instrument panel	Speedometer with odometer and trip meter
- Meters	Tachometer Fuel gauge Engine coolant temperature gauge
- Warning lights	Headlight high beam indicator Battery charging warning indicator Hazard flasher Parking brake indicator ABS indicator Engine signal indicator Light signal indicator
- LCD indicator	Front and Rear brake pressure warning Engine oil level & pressure warning Drivers' display with 4 buttons
- Warning buzzers	Hazard, parking brake, engine overrun, speed warning and gear range inhibit, driver seat belt

STANDARD FITMENTS

Driver fuel coaching system	✓
Driver seat air suspension (auto weight adjustment)	✓
Exhaust brake	✓
Power window	✓
Sun visors (for driver and co-driver)	✓
Electric adjustment side view mirrors	✓
Air dryer	✓
UD standard tools (1 set), Wheel chocks (2-pieces)	✓
Anti-lock Braking System (ABS)	✓
Electronic Brake Distribution (EBD)	✓
Front Underrun Protection (FUP)	✓
Safety belt	✓
Bottle jack (12 ton)	✓
Tyre inflation hose	✓
UD Telematics system	Optional
Rear air suspension	Optional
Transmission PTO	Optional
Automatic transmission (Allison 6-speed, AL306)	Optional

WEIGHT (kg)

Chassis with cab	5,323
- On front wheels	3,224
- On rear wheels	2,099
Permissible gross vehicle weight	17,000
Permissible front axle load	6,500
Permissible rear axle load	12,000

DIMENSIONS (mm)

Wheelbase (WB)	5,500	Front overhang (FOH)	1,352
Overall length (OL)	10,147	Rear overhang (ROH)	3,295
Overall width (OW)	2,486	Ground clearance (GC)	257
Overall height (OH)	2,718	Frame width (FW)	850
Front tread (FT)	2,037	Turning radius	9,300
Rear tread (RT)	1,836		

Optional wheelbase (mm): 4,250 / 5,250 / 6,000 (OL will change according to WB)
NOTE: As product improvements may be introduced at any time, specifications are subject to change without prior notice.



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