

PKE42R Specifications

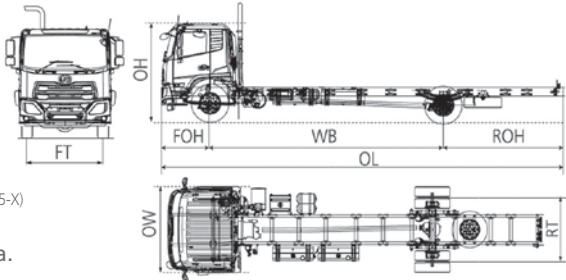
MODEL NAME		PKE42R	
Axle Type		4x2, Single Reduction	
		Manual Transmission	Automatic Transmission
Performance	GVW Rating (kg)	19,000	
	Minimum Turning Radius (m)	10.8	
	Max Speed (km/h)	90 km/h with speed limiter	
	Gradeability (%)	35.2	33.6
Engine	Model	GH08 280 EC01 Diesel Engine	
	Euro Emission	Euro 5	
	Type	6 cylinder in-line, Overhead camshaft, Water cooled, Turbocharged with intercooler	
	Bore x Stroke	110 mm x 135 mm	
	Total Piston Displacement	7,698 cc	
	Max. Output	280 HP (206 kW) @ 2,200 rpm	
	Max. Torque	107 kg.m (1,050 N.m) @ 1,100 - 1,800 rpm	
Transmission	Fuel System	Common rail fuel injection system	
	Model	ST1006	Allison AL306
	Type	6 forward and 1 reverse speeds synchronized manual direct drive	6 forwards and 1 reverse speeds automatic
	Final Gear Ratio	3.90 / 4.33	6.50
	Gear Shift	Cable type gear shift linkage	Cable mounted shift selector push button control
Chassis	Clutch System	Pull type with dry single plate, Air assisted, Diameter 395 mm	
	Front Axle	Reverse Elliot "I" beam type	
	Rear Axle	Full floating, Pressed steel banjo housing type	
	Frame	Roll formed high tensile steel, Rivetless top, Ladder type	
	Main Frame Dimension	236 mm x 70 mm x 8 mm	
	Front Suspension	Parabolic leaf spring	
	Rear Suspension	Multileaf spring	Air Multileaf spring
	Steering System	Recirculating ball screw type with hydraulic power assistance, Adjustable tilt / telescopic	
	Service Brake (Foot Brake)	Full air, Drum, S-cam type brakes with automatic slack adjuster, equipped with Anti-lock Braking system (ABS) and Electronic Brake Distribution (EBD)	
	Parking Brake (Hand Brake)	Pneumatically controlled spring brakes acting on all wheels	
	Auxiliary Brake	Exhaust Pressure Governor (EPG) type	
	Fuel Tank	190 litre steel tanks x 2	
	AdBlue Tank	20 litre	
Wheels & Tyres	Disc Type	Pressed steel disc type with ISO 10 studs	
	Wheel Size	8.25 x 22.5	
	Tyre Size (Front & Rear)	295/80 R22.5	
	Spare Wheel	1 spare wheel equal to front with lockable spare wheel carrier	
Electrical	Electrical System	24V	
	Battery	110 Ah, 12V x 2	
	Alternator	24V, 90 Amp	
Cabin	Cabin Features	Aerodynamic design, Sleeper cab with sleeping bunk, Composite and steel combination bumper, Torsion bar tilt system	
	Cabin Suspension	Mechanical spring suspension with hydraulic shock absorbers	
Opt.	Optional Accessories / Items	Air foil, Auto lubricating system, Extension / shortening wheelbase, Transmission PTO, Variable speed sensor	
Weight (kg)	Chassis with Cab Curb Weight	5,547	
	Designed Axle Load (Front)	7,100	
	Designed Axle Load (Rear)	12,000	
Dimensions (mm)	Wheelbase (WB)	5,250 / 6,000 / 6,500	
	Overall Length (OL) x Width (OW) x Height (OH)	11,258 x 2,486 x 2,716	
	Axle Tread [Front (FT) / Rear (RT)]	2,037 / 1,836	
	Overhang [Front (FOH) / Rear (ROH)]	1,352 / 3,295	
	Ground Clearance (GC)	254	

Note:
(1) All images are for illustration purposes only. As product improvements may be introduced at any time, the specifications and other information in this brochure are subject to change without prior notice.
(2) Performance is based on theoretical calculations. Actual performance depends on various parameters like actual load, road conditions, driver, condition of vehicles, etc.
(3) Weights and dimensions mentioned are estimated and indicative only, actual may vary on selection of optional items.
(4) Optional wheelbase is available.



TAN CHONG INDUSTRIAL EQUIPMENT SDN BHD 197201001644 (13285-X)
A subsidiary of Tan Chong Motor Holdings Berhad 197201001333 (12969-P)

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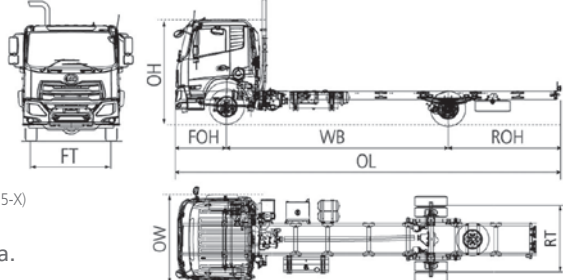
MODEL NAME		LKE42R	
Axle Type		4x2, Single Reduction	
Performance	GVW Rating (kg)	14,000	
	Minimum Turning Radius (m)	9.0	
	Max Speed (km/h)	90 km/h with speed limiter	
	Gradeability (%)	35.9	
Engine	Model	GH5E 210 EC01 Diesel Engine	
	Euro Emission	Euro 5	
	Type	4 cylinder in-line, Overhead camshaft, Water cooled, Turbocharged with intercooler	
	Bore x Stroke	110 mm x 135 mm	
	Total Piston Displacement	5,132 cc	
	Max. Output	210 HP (155 kW) @ 2,200 rpm	
	Max. Torque	84 kg.m (825 N.m) @ 1,200 - 1,600 rpm	
Transmission	Fuel System	Common rail fuel injection system	
	Model	ST1006	
	Type	6 forward and 1 reverse speeds synchronized manual direct drive	
	Final Gear Ratio	3.91	
Chassis	Gear Shift	Cable type gear shift linkage	
	Clutch System	Pull type with dry single plate, Air assisted, Diameter 395 mm	
	Front Axle	Reverse Elliot "I" beam type	
	Rear Axle	Full floating, Pressed steel banjo housing type	
	Frame	Roll formed high tensile steel, Rivetless top, Ladder type	
	Main Frame Dimension	206 mm x 70 mm x 8 mm	
	Frame Reinforcement	From front of engine and ends at rear engine mount	
	Frame Reinforcement Dimension	188 mm x 60 mm x 5 mm	
	Front Suspension	Parabolic leaf spring	
	Rear Suspension	Multileaf spring	
	Steering System	Recirculating ball screw type with hydraulic power assistance, Adjustable tilt / telescopic	
	Service Brake (Foot Brake)	Full air, Drum, S-cam type brakes with automatic slack adjuster, equipped with Anti-lock Braking System (ABS) and Electronic Brake Distribution (EBD)	
	Parking Brake (Hand Brake)	Pneumatically controlled spring brakes acting on all wheels	
	Auxiliary Brake	Exhaust Pressure Governor (EPG) type	
Wheels & Tyres	Fuel Tank	190 litre steel tank	
	AdBlue Tank	20 litre	
	Disc Type	Pressed steel disc type with JIS 8 studs	
	Wheel Size	6.75 x 19.5	
	Tyre Size (Front & Rear)	265/70 R19.5	
Electrical	Spare Wheel	1 spare wheel equal to front with lockable spare wheel carrier	
	Electrical System	24V	
	Battery	110 Ah, 12V x 2	
Cabin	Alternator	24V, 90 Amp	
	Cabin Features	Aerodynamic design, Sleeper cab with sleeping bunk, Composite and steel combination bumper, Torsion bar tilt system	
Opt.	Optional Accessories / Items	Air foil, Auto lubricating system, Extension/shortening wheelbase, Transmission PTO, Variable speed sensor	
Weight (kg)	Chassis with Cab Curb Weight	4,488	
	Designed Axle Load (Front)	5,000	
	Designed Axle Load (Rear)	9,500	
Dimensions (mm)	Wheelbase (WB)	5,500	
	Overall Length (OL) x Width (OW) x Height (OH)	9,470 x 2,372 x 2,597	
	Axle Tread [Front (FT) / Rear (RT)]	1,793 / 1,726	
	Overhang [Front (FOH) / Rear (ROH)]	1,275 / 2,695	
	Ground Clearance (GC)	176	

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Croner
Make Every Moment Count



EURO 5
Drive for better

Going the Extra Mile

Croner, Saving you more than time with Euro 5



Croner. Ahead of time. Go the extra mile with the truck that makes every moment count.

INSPIRED BY TIME

Croner is named after Chronos, the god of time in Greek mythology, because it saves you time – and that saves you money. It means more time on the road and less time in the workshop. So you and your customers stay happy longer.

Croner is built to save your business time with a complete solution - adding up minutes, hours and days saved with reliability to keep you running on the road for years.

With the wide offering of Croner range, we have a complete solution with customized UD Trust service agreements and UD Connected Services.

Croner goes the extra mile to meet today's environmental and business challenges. By implementing Euro 5 and SCR, it addresses these challenges whilst meeting the market demands.

Croner
Make Every Moment Count

Maximize your operating hours with increased fuel efficiency.



AERODYNAMIC CAB DESIGN

The Croner cab is designed for increased fuel efficiency.

- A new and more aerodynamic cab design.
- Air foil available as option.
- Leads to improved fuel efficiency at highway speeds.



POWERFUL DRIVELINE

Delivers high torque from low revs with flat torque curves. Carefully configured driveline for excellent drivability, performance and optimum fuel efficiency to suit your application.



ALLISON AUTO TRANSMISSION

The optional automatic transmission knows the best gear to engage in any situation and allows for quicker yet efficient and optimal cruising speeds.



SPEED LIMITER

Croner is equipped with a road speed limiter to improve safety and reduce excess fuel consumption.



UD FUEL COACHING

Croner is equipped with built-in fuel coaching system, able to improve driving behavior by prompting driver to use optimal revs and reduce unnecessary acceleration.



UD CONNECTED SERVICES

Our designed solutions are aimed at encouraging better driving behavior and protection of fuel assets :

- Fuel utilization reports to demonstrate how the truck and driver are performing.
- Fuel advisory services to improve driving behavior.
- Fuel loss alert to prevent theft or misuse of fuel.



UPTIME SUPPORT

UD Extra Mile Support is everything you need to make the most out of every moment. From service and parts to on-road-support, driver training and UD Connected Services , it's our complete solution that you can rely on to keep your truck running.

Engineered to be durable. Designed to run around the clock.



EXTRA TOUGH AXLES

Croner's front and rear axles are built extra tough to enable high loads. Its increased carrying capacity delivers more uptime and productivity in heavy load use.

TOUGH AND ROBUST CHASSIS FRAME

Croner chassis frame has the highest tensile strength in its class. It is engineered to be strong yet flexible to ensure chassis components perform well and reduce cargo stress.

LONGEST WHEELBASE OFFERING

Croner has the longest wheelbase in its class. It can be adapted to suit any medium duty application and deliver excellent productivity.

LONGER SERVICE INTERVALS

Croner's robust and durable components extends its service interval significantly to achieve higher vehicle uptime.

REAR AIR SUSPENSION

Optional rear air suspension with stabilizer function for improved safety and minimizes damage on sensitive cargo. Applicable to PKE model only.

GLOBALLY TESTED ENGINES AND TRANSMISSION

Croner engines are developed with proven global technology and strenuously tested for reliability and durability. Its transmission is a proven solution tested by experts with decades of experience in medium duty trucks.

USEFUL PTO OPTION FOR ALL DRIVELINE

Transmission PTO available as optional to deliver even more torque than before, boosting your job productivity.

STEEL BASE BATTERY BOX WITH ISOLATION SWITCH

Prevents battery exposure to dust and water. The handle of the isolation switch can be removed when parking for long periods to extend battery life.

Built to be safe and secure in the race against time.

GOOD ALL ROUND VISIBILITY

Croner's large windshield with electrically adjustable wide angle side mirrors provide greater driver visibility. It also comes with power electric window for better driver convenience.

EASY TO ENTER AND EXIT

Entering and exiting the cabin of the Croner is simple and safe. The two-step entry and the ergonomic entry-handle provide quicker and easier access for the driver.

STABLE HANDLING PLATFORM

Croner is designed with excellent handling and stability that is further improved with the addition of front stabilizer bar.

FRONT UNDERRUN PROTECTION

Croner is available with ECE R93 compliant front underrun protection, effectively protecting other vehicles and road users. Its 3-piece bumper is designed for partial replacement to achieve better cost efficiency.

SUPERIOR BRAKING PERFORMANCE

Full air brakes equipped with Anti-lock Braking System (ABS) and Electronic Brake Distribution (EBD) as standard features for more optimized braking performance.

MEETS SAFETY STANDARDS

Seat and seat belt anchorage meet the ECE R17 and ECE R14 European test regulations.

NO MESSING AROUND

Anti-spill device ensures no fuel is spilled at fuel filling or during driving if the tank cap is missing.

CLEAR ILLUMINATION FOR ALL SITUATIONS

Superior visibility with height adjustable headlamp and low beam lamps. These increase the visibility of the vehicle for the benefit of other road users.



More space, comfort and convenience for drivers all the time.

CAB DESIGN MADE WITH DRIVERS IN MIND

Croner cabin features a new, more open and ergonomic design with driver comfort at the forefront.

CLEAR AND SIMPLE DRIVER ENVIRONMENT

The well designed dashboard with all important controls logically placed to present all information clearly. Ample overhead storage compartments and clear interior lighting offer maximum driver comfort.

DIGITAL DRIVER'S INFORMATION DISPLAY

Croner comes with an easy-to-read instrument cluster that is backed up by the digital multi-function display (MFD), making it the only Japanese medium duty truck to have this as a standard feature.

LESS FATIGUE, MORE EFFICIENCY

An improved cabin with reduced noise, vibration and harshness improves driver performance and productivity.

ADAPTABLE COMFORT FOR ALL DRIVERS

Ergonomically designed air suspended driver seat with a wide range of adjustments, plus a steering column with adjustable length and angle, to suit a wide range of drivers and give the best driving position.

SLEEPER CAB FOR THE LONG HAUL

Rested drivers deliver better. A sleeper cab configuration is available, with a single bunk bed for long-haul operations.



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