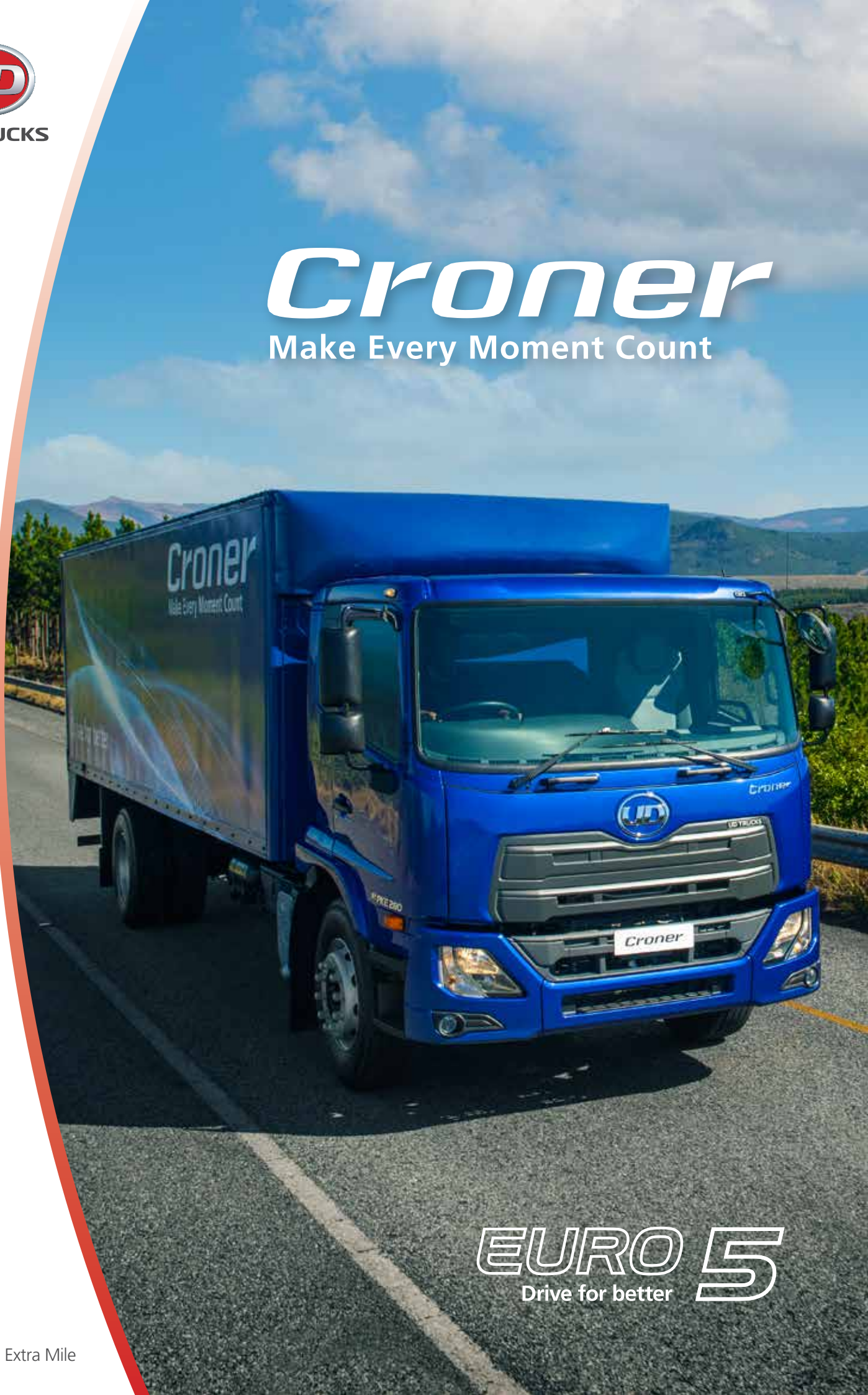
UD TRUCKS

# Croner

## Make Every Moment Count




EURO 5
Drive for better

Going the Extra Mile

Our founder, Kenzo Adachi, had a vision.
To build "the truck the world needs today."
With Croner, that legacy continues.

From the robust engineering and efficient
driveline to its smart and modern design,
Croner is made to save you time.

**Croner is built to go the extra mile. So you can go 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 Telematics 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

# Making the best of your time.

Croner is a complete solution that let you focus on running your operations the way you need to.

## PRODUCTIVITY

### WIDE MODEL OFFERING
Croner can be configured to suit your specific needs, with flexibility in choosing the wheelbase, cab size, driveline, suspension and GVW to match the truck applications. The GH5E and GH8E provides reliability and delivers high torque from low revs with flat torque curves.
*Page 8.*

### AIR SUSPENSION
Rear air suspension is available on PKE and PDE platforms, with a stabilizer function for improved safety, improves safety and protection of sensitive cargo.
*Page 9.*

## DRIVER EFFICIENCY

### OPTIMIZED DRIVELINES
Manual and Allison transmission are available for all models, supporting the high torque UD engines which give you best combination of power and efficiency.

Our automatic transmission, Allison quickly and automatically chooses the right gear position at all times, making Croner a pleasure to drive.
*Pages 10-11.*

### EXCELLENT ERGONOMICS
Croner's cabin features a modern, more open and ergonomic design with driver well-being and efficiency at the forefront. This means more comfort, less fatigue and higher productivity for the driver.
*Page 12.*

## 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 telematics, it's our complete solution that you can rely on to keep your truck running.

### UD GENUINE SERVICE AND UD GENUINE PARTS
UD Genuine Service means your truck is always in the hands of professionally trained and competent front-line staff who know what's best for it. UD Genuine Parts have been specially designed and tested for your UD truck to ensure maximum vehicle performance and endurance.
*Page 18.*

### DRIVER TRAINING
UD Driver Training is a series of extensive driver training programs, which will improve the capabilities of your drivers. Our courses cover handover and operation, fuel-efficient and safe driving, and securing cargo customizable for your operations.
*Page 13.*

Selective Catalytic Reduction (SCR), a treatment system that lowers harmful emissions, is now available in all Euro 5 models. Just like how we'll save you time, we'll play our part to save the environment.

**PRODUCT UPTIME**

### ROBUST CHASSIS
Croner has a chassis frame that is made from upgraded high-tensile strength.
*Page 17.*

**FUEL EFFICIENCY**

### MAXIMIZING FUEL EFFICIENCY
The new high torque GHE engine series, UD's fuel coaching solutions and the optional automatic transmission gives every driver the tools to improve and maximize fuel efficiency.
*Page 11.*

### AERODYNAMIC CAB DESIGN
A more aerodynamic cab design reduces the coefficient of drag (CD) by five percent compared to existing medium-duty trucks, and improves fuel efficiency.
*Page 11.*

**SAFETY**

### ACTIVE AND PASSIVE SAFETY
Croner comes with numerous active and passive safety features to protect drivers, fleets, cargo and the surrounding traffic.
*Page 14.*

### RELIABLE BRAKING SYSTEM
A full air braking system with reliable S-cam drum brakes is offered on all variants, delivering safety and increased reliability. Options for the brake system include anti-lock braking system (ABS).
*Page 14.*

### UD TRUST SERVICE AGREEMENTS
UD Trust is the best way to know your costs today and in the future. It provides you with the expertise of UD Genuine Service, the quality of UD Genuine Parts and the knowledge that your truck is in the best hands with a pre-defined and optimized service schedule. There are no surprises or unexpected expenses, just a fixed monthly fee that you know upfront.
*Page 19.*

### UD TELEMATICS SERVICES
UD Telematics keeps you updated on your fleet and business. It generates easy-to-read reports on fuel usage to help drivers go further with less fuel consumption and less cost. It further maximizes productivity and uptime so your fleet is always on the road and on the go.
*Page 20.*

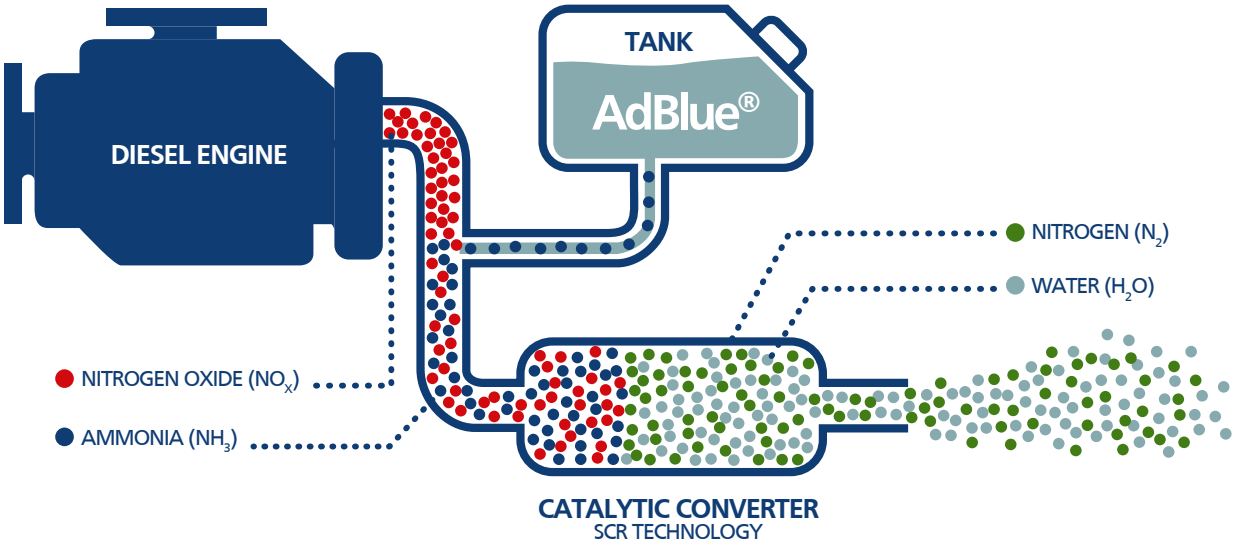
### UD MOBILE WORKSHOP*
Preventive maintenance is key to keeping a fleet running. For greater convenience and uptime, our UD Mobile Workshop comes right to your doorstep. Call us to pre-book an appointment at your preferred date and location for selected services.
*Page 21.*

### UD ROAD SUPPORT
If your truck experiences an unexpected standstill, UD Road Support is just a phone call away. Once we've established your location and the nature of the problem, our nearest service van and technician will be on-site to help get you back on the road as soon as possible.
*Page 21.*

* UD mobile workshop is not available at all dealers

# Drive for better

SCR is an emissions treatment system that reduces harmful pollutants such as nitrogen oxides that are produced during combustion. SCR works in conjunction with Adblue. The SCR system injects Adblue on the exhaust gas from the engine, resulting in harmless nitrogen and water vapor.




## SCR - Simple, clean and reliable.

With SCR, you can have a truck that's better for the environment, with a higher performing and more durable engine. This is why it's become the globally trusted industry solution, adopted by truck manufacturers around the world.

### TOTAL COST OF OWNERSHIP

We have improved our fuel efficiency thanks to the optimized combustion process. This results in more durable trucks with lower servicing requirements and higher power and torque without increasing the engine size.

### SUSTAINABILITY

We vow to play our part for cleaner air that allows a sustainable environment for everyone. With Euro 5 SCR, Nitrogen emissions are 43% lower than Euro 4, 60% lower than Euro 3 levels. Particulate matter is 80% lower than Euro 3 levels. Compared with Euro 4 levels, Nitrogen oxides are 43% less.

### UPTIME

Uptime is also boosted with an expanded AdBlue supply network. AdBlue is available at all authorized UD Trucks dealerships and may also be available at fuel stations.

# Towards a better future.

Climate change is accelerating and air pollution, which comes from diesel emissions, is worsening. There is societal demand for stricter emissions regulation in developing countries. UD Trucks has always been a challenger in the market and providing the trucks and services the world needs today.

As a key industry player, we have the responsibility to provide sustainable non-stop operations towards "Better Life" for our customers, society and planet.

As we were the first manufacturer in the world to commercialize SCR technology, we are introducing this tried and tested technology ahead of regulation in South Africa to ensure environmental friendless while providing non-stop operations.

Combined with all available features, with Euro 5 Croner, UD trucks will take care of the essentials needed to keep you on the road while protecting planet earth.

The blue* Croner signify the blue skies that we aim to achieve with cleaner emissions. This is our long-term commitment to deliver "Better Life" by going the extra mile in everything we do.
**Drive for better with Croner Euro 5.**

## HOW DOES SCR WORK?

The SCR system sprays Adblue onto the exhaust gas reducing pollutants before it is released into the atmosphere. Croner's performance is enhanced whilst reducing harmful emissions by converting nitrogen oxides into harmless nitrogen and water vapor.

## WHY SCR?

The SCR system complies with Euro 5 regulations, greatly reducing the allowed nitrogen oxide levels emitted from Croner. With SCR, the engine can operate at its full potential, ensuring complete fuel combustion which leads to better fuel efficiency and improves engine performance and drivability.

## WHAT IS ADBLUE?

AdBlue is a liquid solution used to reduce the amount of air pollution created by a diesel engine. Made with 32.5% urea and 67.5% deionized water, AdBlue is a colourless, odourless, non-toxic fluid, available in 10L, 210L and 1000L containers at all UD authorized dealers.

## HOW MUCH ADBLUE IS NEEDED?

The consumption of Adblue is approximately 4-5% of diesel used. Croner has 2 Adblue tank sizes - 20L and 50L.

* Please note vehicles will be standard white, blue is for launch purposes.

# Wide range of choices to keep every type of business on schedule.

Croner is a versatile medium-duty truck platform you can rely on. 4 GVW ranges and a wide choice of wheelbases offer up to 21 different basic configurations with additional driveline, PTO and job-specific customization.

## A MEDIUM-DUTY TRUCK WITH GVWS FROM 11-25 TONNES

| Model | GVW | Engine | Transmission | Cab |
|---|---|---|---|---|
| **MKE** | 11 t | 210 hp/158 kW<br>Available on Euro 3 range only. | Manual 6-Speed<br>Automatic 6-Speed | 2.1 m Day / Sleeper |
| **LKE** | 15t | GH5E-240hp/177kW<br>210 hp/158kW<br>Available in Euro 3 and Euro 5 range | Automatic 6-Speed | 2.1 m Day / Sleeper |
| **PKE** | 16t-17t | GH8E - 250 hp/184 kW<br>280 hp/206 kW<br>*Available on Euro 3 and Euro 5 range | Manual 6-Speed<br>Manual 9-Speed<br>Automatic 6-Speed | 2.3 m Sleeper |
| **PDE** | 25 - 26 t | GH8E - 250 hp/184 kW<br>*Available on Euro 3 and Euro 5 range | Automatic 6-Speed | 2.3 m Sleeper |

## FLEXIBLE CABIN LAYOUT

The MKE and LKE models come with a choice of day cab, 2.1 meters wide, while the PKE model has a 2.3-meter wide sleeper cab.

## FLEXIBLE, POWERFUL DRIVELINE

The new 5-liter and 8-liter engines, powered by UD Trucks' advanced technology, combine reliability with top class performance. Delivering high torque from low revs with flat torque curves, these modern engines provide:

- Better pulling power and easier driving.
- Improved fuel efficiency.
- Extended maintenance intervals.
- Longer life of the engine.

## USEFUL PTO OPTIONS FOR ALL DRIVELINES

The new engine and transmission PTOs deliver even more torque than before, boosting your job productivity.

- Transmission PTO option for 6-speed and 9-speed manual transmissions.

## WIDE RANGE OF WHEELBASE CHOICES

Croner's wide range of wheelbase options means Croner can be adapted to suit any medium-duty application and deliver excellent productivity.

- The MKE,LKE and PKE comes with range/variety of wheelbases to choose from.

## CLASS-LEADING AXLE LOADS

Croner tops the class in terms of front and rear axle loads, making it the most productive medium-duty truck on the market

- Both axles are built extra tough to enable high loads.
- Front axle loading capacity has been increased from 6.5t to 7.1t resulting in improved payload.

## ROBUST MANUAL AND AUTOMATIC TRANSMISSIONS

All Croner models come with a choice of reliable and durable manual and automatic transmissions.

- The manual 6-speed and 9-speed transmissions are robust and durable, and able to cope with the toughest demands in various operation conditions.
- The highly reliable automatic transmissions are factory installed and available for all models.

## ADDITIONAL REAR AXLE OPTIONS AND AIR SUSPENSION

Croner comes with rear axle multi-leaf spring and air suspension options.

- The multi-leaf spring rear suspension has two stiffness options: normal for standard loads and stiff for heavier cargo.
- Air suspension is also available as an additional option with mechanical height control valve and dump switch. The improved stability and cushioning is perfect for sensitive cargo freight.

## BODY BUILDER MODULE

Body Builder Module (BBM) offers access to various vehicle signals and functions that are needed by the superstructure control systems for some specialized applications.

- Factory-fitted
- Prepkit (plug and play through aftermarket)

# Maximize your operating hours with increased fuel efficiency.

UD Trucks prides itself in offering you the package that suits your needs. Using less fuel every minute means going further and longer at lower cost.

## ADVANCED PRECISION FOR TOP-LEVEL FUEL EFFICIENCY

At the heart of Croner is a set of new engines: The 5-liter GH5E and 8-liter GH8E with high torque of up to 1,050 Nm and fuel efficiency as key strengths to give optimal performance.

- These modern and fully electronically controlled common rail engines operate with extreme precision.
  - Computer-controlled injection, fuel quantity and atomization are finely controlled for varying situations, and for each cylinder, giving outstanding fuel consumption and low emissions.

### The 5-liter 4-cylinder diesel engine

The GH5E delivers fuel-efficient daily duty work for a wide range of applications.

- Efficient output and high torque allows for engine 'downsizing' without compromises.
- Power/torque: 210hp/825Nm.

### The 8-liter 6-cylinder diesel engine

The GH8E offers excellent and powerful performance, ideal for construction work and for transporting large and heavy loads.

- Strong power combined with low operating costs through good fuel efficiency, reduced maintenance and long service intervals.
- Power/torque: 250 hp/950 Nm, 280 hp/1,050 Nm.

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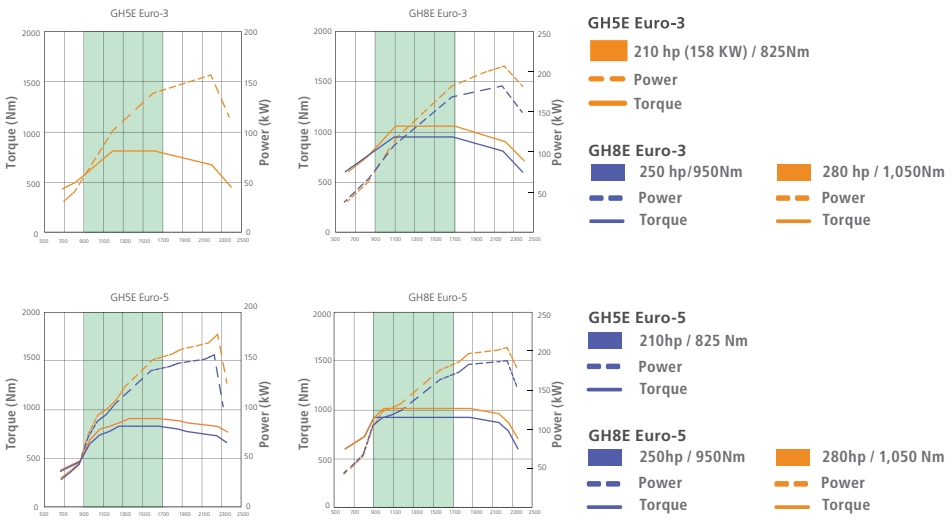
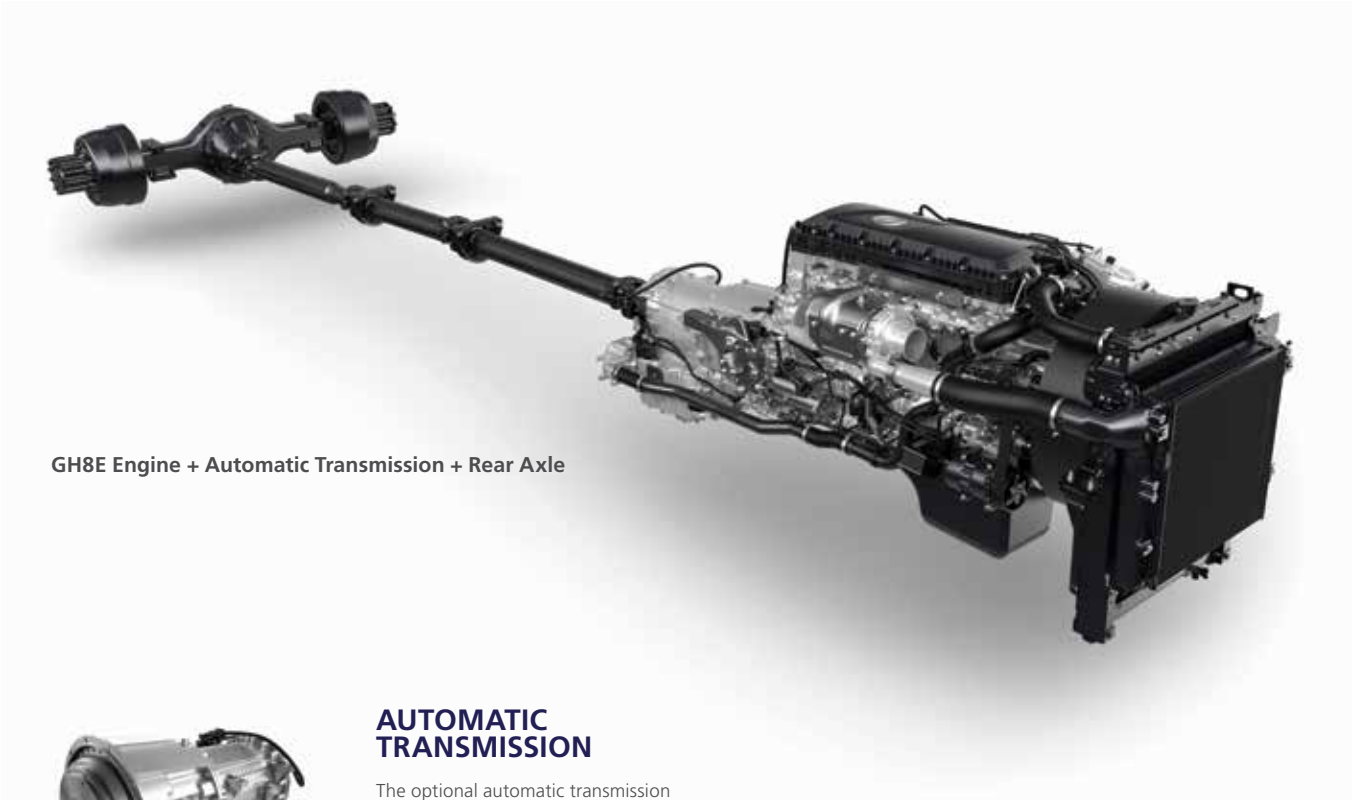
With maximum torque delivered from low revs and in the "green band" – that is, a flat torque curve with a wider max-torque band – the GH engine operates efficiently and without excess revving.

This means better pulling power with less fuel consumed and less component wear.





GH8E Engine + Automatic Transmission + Rear Axle

## AUTOMATIC TRANSMISSION

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

- Correct gear for any driving situation ensures optimum engine rpm for best fuel efficiency.

## CRUISE CONTROL

Cruise control reduces driver workload on longer journeys and helps to reduce fuel consumption by maintaining a constant speed.

## AERODYNAMIC CAB DESIGN

Croner's cab is designed for increased fuel efficiency.

- A new, more aerodynamic cab design.
- Optional roof deflector (PKE model).
- Reduced coefficient of drag (CD) by five percent.

## FUEL COACHING

The best way to improve driving efficiency is to get coaching in real time. All Croner models are equipped with a built-in fuel coach, an onboard solution clearly displayed at the centre of the 5-inch LED display, to give instructions in real time. Fuel Coach encourages an optimal driving style at all times. It gives feedback and simple suggestions on how to improve safety and fuel efficiency, immediately and over the long term.

- Immediate Feedback:
  Unique to the manual transmission on either side of the LED display, the color changes according to your driving style, coaching you to hit your sweet spot more often and drive more efficiently: blue means there's room for improvement and green otherwise. Real time notifications are also given to further improve on fuel consumption and safety.
- Long-term Feedback:
  Driving pattern is recorded and feedback is generated after a period, resulting in an overall rating out of 100 that are based 4 performance indicators: engine and gear utilization, speed, anticipation and idling.

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

Croner's cabin has been designed to be the perfect 'office' for drivers, with a pleasant overall appearance, logical control scheme and numerous features for driver comfort and convenience.

## HIGHLY VISIBLE INSTRUMENT CLUSTER

Croner has an easy-to-read instrument cluster that provides real time coaching using 4 key performance indicators. Its updated clear-cut design allows for more comfortability, efficiency and safety for drivers.

They can easily see what gear they are in if the vehicle has an automatic transmission. A clear visible gauge lets them check AdBlue levels on vehicles containing the SCR system.

The new instrument cluster is reprogrammable, making it easier to update software to the latest versions.

## SLEEPER CAB FOR THE LONG HAUL

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

## LESS FATIGUE, MORE EFFICIENCY

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

## ADAPTABLE COMFORT FOR ALL DRIVERS

Ergonomically designed seats with a wide range of adjustment, plus a steering column with adjustable length and angle, to suit a wide range of drivers and give the best driving position. Air suspended driver's seat deliver even better comfort.

## CAPABLE DRIVELINE MAKES JOBS EASIER

Superior drivability from high torque engines with automatic transmission options available for all models for enjoyable and stress-free driving.

## CABIN DESIGN MADE WITH DRIVERS IN MIND

Croner has an all-new, modern exterior designed with improved aerodynamics and a low coefficient of drag.

Two-step entry gives drivers quick access to the cabin. Cab instep for quicker, easier access for drivers, the cab has two anti-slip steps and three easy-grip handles with 90-degree door-opening angle.

# We invest time in drivers.

Driver training helps operators do their job better, maximizing productivity and reducing costs and downtime. The tools that we develop help drivers be more efficient, making them enjoy every moment of their work while growing your business.

By including UD Telematics Services, you can easily monitor and follow up on your training. This is the best combination for the driver to get the most out of his or her truck.

## DRIVER TRAINING COURSES

UD Driver Training courses cover all aspects for a complete, all-round approach. Courses include:

### Handover And Operation

The handover introduction ensures the driver learns about his vehicle, its features and how to conduct daily check inspections that are essential to keep the truck on the road longer.

### Fuel-Efficient And Safe Driving

This training helps even experienced drivers improve their efficiency behind the wheel for more cost-effective and safe driving.

### Securing Cargo

The course shows drivers the best ways to secure goods and protect them against theft.

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

UD Trucks leaves nothing to chance and that includes safety. Croner's active and passive safety features protect your company's precious resources – the people, the fleet, and the customer's cargo – as well as the surrounding traffic.

## ACTIVE SAFETY

### SUPERIOR BRAKING PERFORMANCE

S-cam full air brakes with automatic slack adjustment provide effective stopping power, anti-lock brake system with electronic brakeforce distribution is standard on air suspension and optional on leaf suspension. This system is well supported by the UD Extra Engine Brake and an optional compression engine brake on the GH8E. ABS standard on all variants.

### STABLE HANDLING PLATFORM

Croner is designed with excellent handling and stability that is further improved with an optional front anti-roll bar and an optional rear stabilizer bar for the highest GVW on the PKE. For trucks with a high superstructure, such as mixers, this additional stability is a key safety feature.

### DUAL-SETTING SPEED LIMITER

Croner has a dual speed limiter function:

- Default speed limit: Based on country regulation, it is set in the factory and cannot be modified to exceed regulation speed.
- Selective speed limit: Through IC (Instrument Cluster) – the speed limit function can be set by the customer to any speed less than the default speed. This setup is password protected. This will help to reduce accidents caused by excessive speed and reduce excess fuel consumption.

### FRONT STABILIZER

This is a key feature for overall chassis stability, especially in superstructures with a high centre of gravity, such as mixers. Front stabilizers are standard on high GVM Croner variants to ensure overall vehicle stability.

## PASSIVE SAFETY

### STRONG AND DURABLE STEEL FRAME

Croner's steel frame provides strength and safety, while the reinforced cabin has been developed under strict deflection, crash and durability targets, and is designed to meet and is compliant to ECE R29-02.

### MEETS SAFETY STANDARDS

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

### OPTIONAL FRONT/REAR UNDERRUN PROTECTION

All variants of Croner available with ECE R93 and ECE R58.02 compliant front and rear underrun protection as an option, effectively protecting other vehicles and road users.

# Ultimate Dependability. Months and years of development and testing.

Japanese reliability and robustness is in the DNA of UD Trucks. Our founder's vision was to create trucks that are more reliable and efficient than anything else.

Croner upholds that tradition with Ultimate Dependability in every aspect. Each component is the result of years of development and harsh stress testing to create the ultimate medium-duty platform.

## ENGINEERED BY UD

Croner's development has been done with quality and reliability at the forefront, right from the start of the design, through engineering, testing and manufacturing. Over 3 years of development and testing by our expert engineers, from initial concept to serial production, who spent 1,700,000 engineering hours, 30,000 hours of testing hours, using 90 test rigs and over 100 test trucks. The result is a vehicle that is ahead of its class in robustness, reliability and durability.

## RELIABILITY AND DURABILITY TESTING

Strong endurance has been a UD Trucks trademark since the start of our foundation, which is why our reliability and durability testing programs are so rigorous. And Croner has excelled in all of them.

Durability testing was conducted over an equivalent of 3 million kilometers, putting Croner to the test in the toughest weather conditions and terrains around the world. In addition, 1.4 million kilometers of field tests in actual customer operations were carried out across 6 countries and 3 continents over a period of 18 months.

**"Croner has undergone millions of kilometres of combined reliability and durability testing."**

**Masami Ozono,**
*Product Line Management*

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

With Croner we have created a reliable and durable truck, built with proven robust components without compromising on quality. This allows for longer time between scheduled service intervals.

## GH ENGINE

- Enhanced component design, manufacturing and testing process to provide best-in-class performance.
- Long oil change intervals reduce maintenance cost and increase uptime.

## AXLE CAPACITY

- Croner has the highest axle capacity in its class.
- Increased carrying capacity delivering more uptime and productivity in heavy load use such as construction.

## TRANSMISSION

- Built with endurance in mind, Croner's transmission is a proven solution tested by experts with decades of experience in medium-duty trucks.
- A robust twin-countershaft design enables it to reach a higher reliability level than typical medium-duty trucks.

## BRAKES FOUNDATION

- A full air braking system with reliable S-cam type drum brakes is offered on all variants.
- Croner has a larger capacity of brake drum and linings than other trucks in its class.
- Larger brake capacity provides better stopping power and lasts longer between service intervals.

## UPGRADED HIGH-TENSILE STEEL CHASSIS FRAME

- Frame with the highest tensile limit (strength) in its class.
- Engineered to be strong yet flexible based on globally proven technology and experience.
- Flexibility ensures chassis components perform well and reduces cargo stress.

## FRONT AND REAR SUSPENSION

- Croner offers several reliable and durable options from leaf spring to air suspension.
- A heavy-duty version of the multi-leaf spring suspension is available with higher stiffness and strength.
- Air suspension is standard for certain models on PKE and PDE platform.

## CLUTCH

- Larger clutch plates deliver better performance with extended change intervals, hence improving uptime.

## EASY MAINTENANCE AND REPAIR

- Large opening of the cab tilts up to 48 degrees for simpler access to the engine.
- For daily inspections and maintenance, the checklist is centralized on the front lid.
- Full air brake system – without any hydraulics – means no need for hydraulic oil replacement and wheel cylinder maintenance.

# Maximize uptime with UD Extra Mile Support.

## UD GENUINE SERVICE

Nobody knows your trucks better than our experts. UD Genuine Service is carried out at authorized UD Trucks workshops that have:

- Highly skilled UD mechanics and service teams.
- Access to UD Trucks special tools and diagnostic equipment and reduce excess fuel consumption.
- Top-quality UD Genuine Parts to keep your trucks in optimum condition.

## UD GENUINE PARTS

UD Genuine Parts are manufactured to the highest quality and durability standards and are a genuine long-term cost saver. UD Genuine Parts have many important benefits:

- A two-year warranty.
- Designed and tested to last for optimal service intervals.
- Fewer stops for maintenance and increased uptime.
- Reduced overall cost per kilometer.

## OPTIMIZED SERVICE PLANNING

We know what's best to keep your trucks on the road. Allowing us to take care of your truck's preventive maintenance means we create a pre-defined and optimized service schedule for your trucks based on your specific usage requirements. Detailed service planning helps to:

- Reduce workshop visits.
- Optimize service intervals for maximum uptime.
- Lessen and shorten maintenance tasks needed.

Oil changes and regular fluid renewal are vital for any vehicle. Croner has been designed to go even further between its scheduled oil change and other major fluid service intervals. Plus, the actual time taken to complete these maintenance tasks has been shortened. This means less time in the workshop and more time on the road.

## UD TRUST SERVICE AGREEMENT

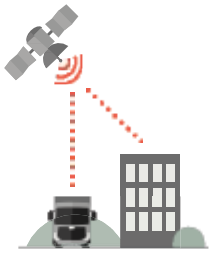
UD Trust service plans are the best way to take care of your new truck while locking down costs both now and in the future. UD Trust is all about giving you the benefits you need, such as:

- Keeping your fleet on the road.
- Maximizing profits.
- Minimizing unplanned expenses.

**Different levels of UD Trust service care are available for UD Trust service agreements:**
UD Trust Standard and UD Trust Ultimate.
With these levels, full transparency, no surprises with unplanned repair expenses and less administration are guaranteed.

# At your service, every hour of every day.

We believe in going the extra mile to support you wherever you are – or wherever your fleet may be. UD Telematics connects you with your fleet in real time and on the road, while UD Road Support means UD Genuine Service and Parts are just a phone call away, 24/7. Our Mobile Workshop brings service and expertise to you, so you don't have to go out of your way to give your fleet the service it needs.



## TRACK YOUR FLEETS' PERFORMANCE WITH UD TELEMATICS SERVICES

UD Telematics Services is a high-tech wireless communications system designed to help you manage your fleet effectively, keeping them on the road while reducing operational costs.

**UD Telematics Services integrates four key features:**

- **Track and Trace**
  Real-time overview on the location of your fleet.
- **Fuel Utilization**
  Analyzes driver behaviour and generates easy-to-read reports to identify areas for fuel savings.
- **UD Proactive Support**
  Enhanced consultation program designed to help you increase your vehicle uptime

## UD MOBILE WORKSHOP – THE WORKSHOP THAT COMES TO YOUR DOORSTEP*

Just let us know the best time to visit and UD Mobile Workshop will be right at your doorstep, delivering the UD Genuine Service you need. With no need to send trucks off-site for maintenance, you can save time and money, and focus on growing your business.

Our mechanics will go straight to your location, saving you time and avoiding travel or towing costs, and provide the best quality service in the shortest amount of time.

**Here are three easy steps to service your truck:**

**Step 1:** Book an appointment with your nearest UD workshop.

**Step 2:** We service your truck at a date, time and place that's convenient for you.

**Step 3:** Pay seamlessly after service upon receiving your invoice.

* UD mobile workshop is not available at all dealers

## UD ROAD SUPPORT – WE'VE GOT YOUR BACK 24/7

You never have to worry about unexpected breakdowns again. Our fast and efficient UD Road Support team is just a phone call away, providing repair services at your convenience to get you back on the road in the shortest time possible.

**When your truck experiences a standstill, follow these three simple steps:**

**Step 1:** Dial the UD Road Support service hotline.

**Step 2:** UD Service Vehicles will be dispatched to breakdown site.

**Step 3:** Receive a maintenance report and invoice upon completion of repairs.

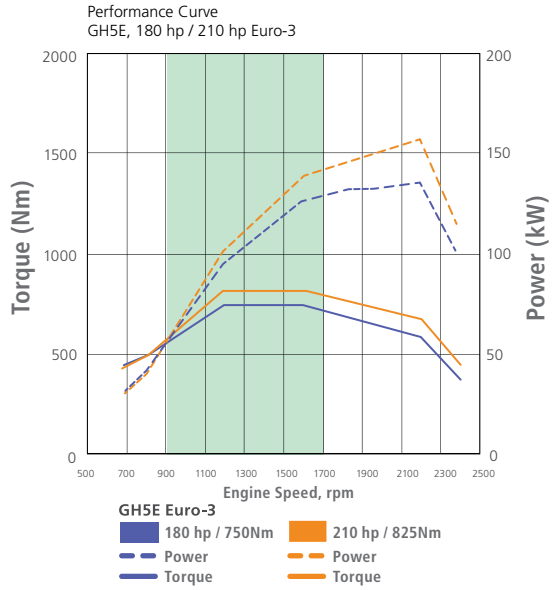
TECHNICAL SPECIFICATIONS

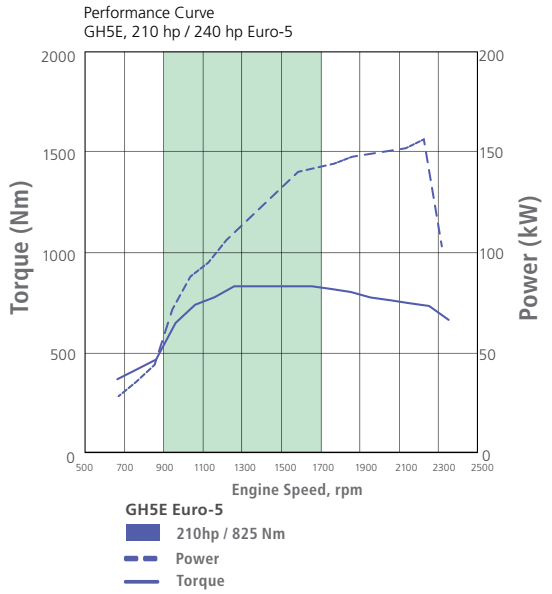
# Croner range.

| Segment | Medium Duty | | Medium Heavy Duty | Medium Heavy Duty |
|---|---|---|---|---|
| GVW | 11T | 15T | 16T-17T | 25T |
| Model Name | MKE | LKE | PKE | PDE |
| Cab | 2.1m Day/Sleeper | | 2.3 m Sleeper | 2.3 m Sleeper |
| Engine | GH5E:210 hp (Euro 3 and Euro 5) | | GH8E: 250 hp(Euro 3 and Euro 5)/ 280 hp(Euro 3 and Euro 5) | GH8E: 250 hp (Euro 3 and Euro 5) |
| Transmission | Manual 6S/9S<br>Automatic (AL256) | | Manual 6S/9S<br>Automatic (AL306) | Automatic (AL306) |
| Axle Capacity | Front: 4.2T/Rear: 7.5T | Front: 5-5.5T/Rear: 9.5T | Front 6.5-7.1 T/rear 11 T | Front: 6.5-7.1T/Rear: 18-19T |
| Front Suspension | Parabolic/Multi-leaf | Parabolic/Multi-leaf | Parabolic/Multi-leaf | Parabolic/Multi-leaf |
| Rear Suspension | Multi-leaf | Multi-leaf | Air/Multi-leaf | Air |

## 4. ENGINE

### Euro-3 GH5E / Euro-5 GH5E ENGINE

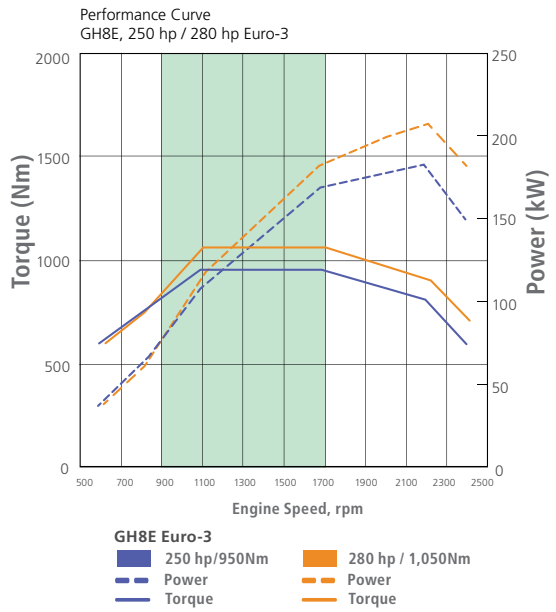


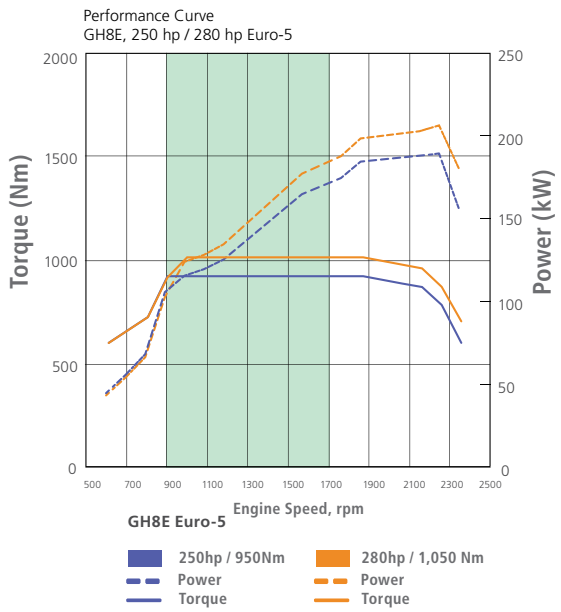




| Displacement | Fuel Injection | Economy Rev. Range | Emissions Certification |
|---|---|---|---|
| 5.1 liters | Electrically controlled direct injection with super high pressure common rail system. | 900-1,700 r/min | Euro-3/Euro-5 |

| GH5E 210 Euro-3 | |
|---|---|
| Max Power | 210 hp/155 kW at 2,200 rpm |
| Max Torque | 825 Nm at 1,200-1,600 rpm |

| GH5E 210 Euro-5 | |
|---|---|
| Max Power | 210 hp/155 kW at 2,200 rpm |
| Max Torque | 825 Nm at 1,200-1,600 rpm |




| Displacement | Fuel Injection | Economy Rev. Range | Emissions Certification |
|---|---|---|---|
| 7.1 liters | Electrically controlled direct injection with super high pressure common rail system. | 900-1,700 r/min | Euro-3/Euro-5 |

| GH8E 250 Euro-3 | |
|---|---|
| Max Power | 250 hp/184 kW at 2,200 rpm |
| Max Torque | 950 Nm at 1,100-1,700 rpm |

| GH8E 280 Euro-3 | |
|---|---|
| Max Power | 280 hp/206 kW at 2,200 rpm |
| Max Torque | 1,050 Nm at 1,100-1,700 rpm |

| GH8E 250 Euro-5 | |
|---|---|
| Max Power | 250 hp/184 kW at 2,200 rpm |
| Max Torque | 950 Nm at 1,100-1,800 rpm |

| GH8E 280 Euro-5 | |
|---|---|
| Max Power | 280 hp/206 kW at 2,200 rpm |
| Max Torque | 1,050 Nm at 1,000-1,800 rpm |

UD TRUCKS

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