



# Quester

Made to go the extra mile



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UD Trucks manufactures standard vehicle which does not include technical modification on the truck chassis to comply with the rules imposed by international conventions, relevant national legislation, and transport standards for specific purposes such as hazardous substance transport. Any such modification needs to be done by bodybuilder or customer, and in no event shall UD Trucks be liable for any liability, loss, injury or risk which is incurred or suffered as a result of such use of the vehicle.

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Drive Further, For Better





## INTRODUCTION

# Quester — built on legacy, engineered for now

An evolution in Japanese innovation

Every great story starts with a dream. In UD Trucks' case, the dream started for our founder Kenzo Adachi in 1935 when he had the vision to create the trucks the world needs today. With this inspiration, he took the legendary 3,000km test drive across Japan,

an astonishing adventure that already then demonstrated the exceptional durability of the company's trucks.

Since then, UD Trucks has earned a global reputation of delivering durable, reliable and efficient trucks, with Ultimate Dependability.

Our official export business began in 1961, and since then the philosophy of always going the extra mile for our global customers has helped us supply innovation and reliability to several generations of fleet owners and drivers.

## Drive Further, For Better

UD Trucks is constantly innovating to meet and exceed your business needs. Leveraging years of cutting-edge technology, we push boundaries to help propel your operations forward while always striving for excellence. And now, Quester empowers you to Drive Further, For Better, every step of the way.

### Quester — a complete solution

Quester is a heavy-duty truck that combines first-class fuel efficiency with durability. With the wide offering of Quester range, we have a complete solution with customized UD Trust service agreements and UD Connected Services.

### Quester evolves with the world

Quester with ESCOT — an evolution that provides smarter solutions for everyday driving. With advanced control to ensure professional driving performance, this key feature eases operability, reduces driver fatigue and increases fuel efficiency.

### Even more upgraded features

Quester goes the extra mile to meet your ever-evolving needs with a variety of improvements. These upgrades include

retarder, UD Stability Control, engines with higher horsepower and user-friendly telematics. Together, they work in harmony to deliver even greater productivity, fuel efficiency, uptime, driver efficiency and safety.

Quester, a smart move for your business.










A SMART MOVE FOR YOUR BUSINESS

# Quester features

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

-  **PRODUCTIVITY** 6–11
-  **FUEL EFFICIENCY** 12–15
-  **DRIVER EFFICIENCY** 16–17
-  **SAFETY** 18–19
-  **UPTIME** 20–23

**SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM**  
Quester is now available with the tried and tested SCR system.  
*Page 6*

**ALUMINIUM FUEL TANKS & WHEEL RIMS**  
Larger aluminium fuel tanks capacity allows your trucks to be on the road longer.  
*Page 8*

**TRANSMISSION RETARDER**  
Slows the truck on downhills, reducing brake wear and risk of accidents.  
*Page 20*

**ESCOT**  
The latest in automated manual transmission is an exciting development for easier, fuel-efficient driving.  
*Page 12*

**GENUINE PARTS AND ACCESSORIES**  
Specially designed and developed for UD Trucks vehicles, these offerings undergo rigorous testing for lasting quality and performance.  
*Page 26*



**ELECTRIC CAB TILT**  
Allows easier tilting of cab for faster and safer maintenance.  
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**EXTENDED ADR**  
ADR-adaption means that Quester is regulated for safe transportation of hazardous substances.  
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**ROBUST CHASSIS**  
Robust, high-tensile steel chassis frame. Proven Japanese reliability and robustness are what our trucks offer.  
*Page 22*

**CAB AIR SUSPENSION**  
Versatile cab air suspension offers more comfort for drivers.  
*Page 17*

**UD STABILITY CONTROL**  
UDSC improves safety by maintaining stability and preventing tipping in critical driving conditions.  
*Page 21*

**UD CONNECTED SERVICES**  
UD Connected Services will help you boost your business by optimizing operations and maximizing vehicle uptime.  
*Page 25*

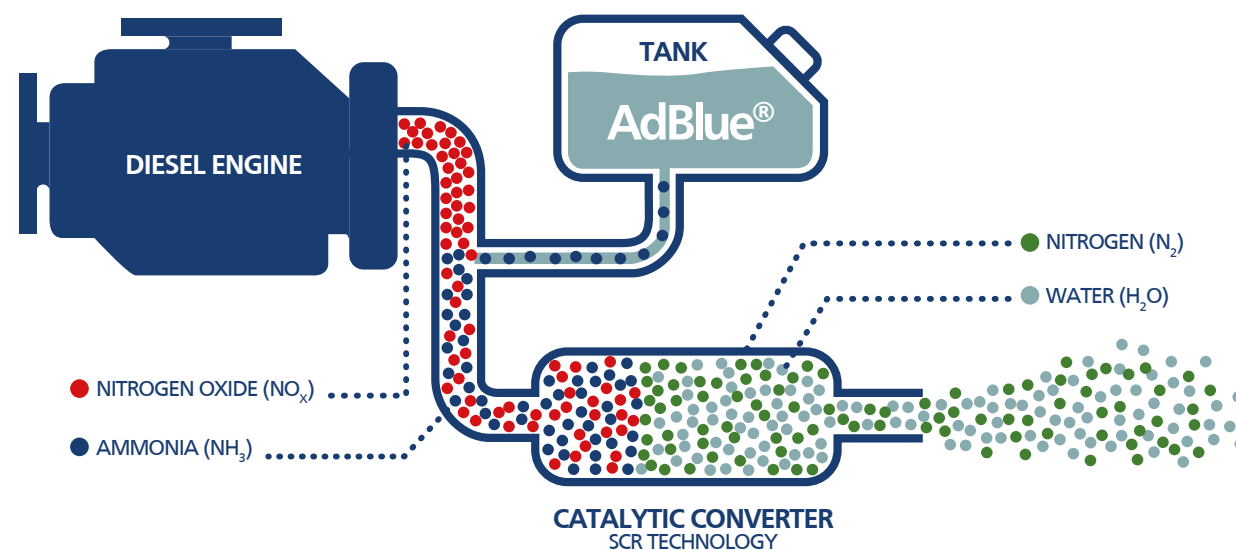
**NEW POWER OPTIONS**  
UD Trucks' GH8E and GH11E feature power alternatives for Quester.  
*Page 15*

**NEW INSTRUMENT CLUSTER AND FUEL COACH**  
The new instrument cluster provides real-time driving coaching to ensure comfort, efficiency and safety.  
*Page 17*



# Drive for better

Selective Catalytic Reduction (SCR) system 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.



### UPTIME

Longer service intervals means less time required for maintenance. Uptime is also boosted with a stable and expanded AdBlue supply network. AdBlue is available at all authorized UD Trucks dealerships and may also be available at fuel stations, workshops and online.



## Toward 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 toward a "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 most markets to ensure environmental friendliness while providing non-stop operations.

Combined with every available feature, UD Trucks, alongside Quester, takes care of the essentials you need to keep on the road — while protecting planet Earth.

The teal Quester embodies UD Trucks' unwavering commitment to a greener future. By minimizing its environmental impact, Quester ensures that you Drive Further, For Better, toward a more sustainable tomorrow.

### HOW DOES SCR WORK?

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

### WHY SCR?

SCR greatly reduces the nitrogen oxide levels emitted from Quester. With this system, the engine operates at its full potential — with complete fuel combustion that increases fuel efficiency, improves engine performance and enhances 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, odorless, non-toxic fluid, available in 20-liter containers at all UD authorized dealers.

### HOW MUCH ADBLUE IS NEEDED?

The consumption of AdBlue is approximately 5–8% of diesel used. Quester has 4 AdBlue tank sizes — 20, 34, 50, and 70L.



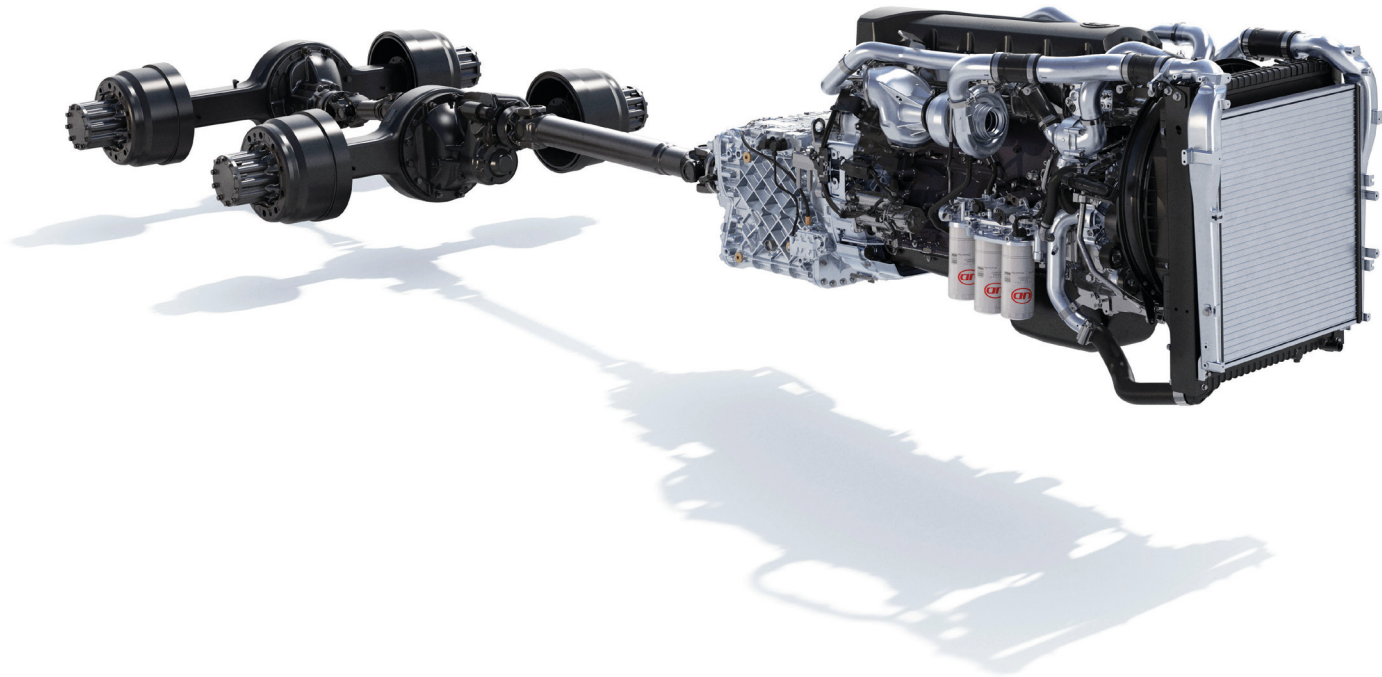


A SMART MOVE FOR PRODUCTIVITY

# Transport more with Quester

With lighter tareweights combined with a powerful driveline offers the possibility to transport more cargo on longer distances.

- Strong, durable and lighter aluminium wheels and tanks mean more cargo can be carried
- Larger aluminum fuel tank capacity allows your trucks to be on the road longer



### Optimized driveline

The 8-liter and 11-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

### Robust manual transmissions

All Quester models come with a choice of reliable and durable 6-speed, 9-speed and 12-speed manual transmission, that are able to cope with the toughest demands in various operation conditions.

### ESCOT – automated manual transmission

With key aluminium components integrated into the ESCOT\* automated manual transmission, the Quester achieves a lightweight design for higher payloads. ESCOT available with GH8E and GH11E optimizes gear selection, reducing clutch operation to minimize driver fatigue and fuel fluctuations — ensuring efficient, productive driving with high speeds and low operating costs.

The PWR+ mode on ESCOT makes construction assignments productive with increased power and high-running performance in tough conditions. It features a rock loose mode for quick escape when stuck in slippery and muddy conditions.

### Allison – automatic transmission

Quester featuring Allison transmission is a perfect solution for start-stop operations. Drivers at all levels experience less fatigue, and can focus on the road at all times and during any maneuver. No clutch also means lower maintenance costs.

### Available on Quester:

Allison 3000/ 3200 for GH8E  
Allison 4000 for GH11E

\*Read more about how ESCOT works on page 13.



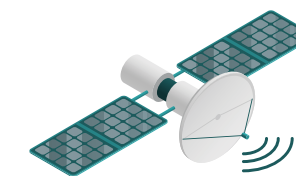
# Open up for greater productivity

With a variety of innovative features, Quester offers new possibilities for better business.



## Easy superstructure installation

Quester is designed for ease of superstructure installation, with comprehensive bodybuilder instructions and drawings. The parallel side members, designed for bodybuilder mounts and range of power take-offs make installation easier.



## Seamless fleet control

UD Connected Services will help you boost your business by optimizing operations and maximizing vehicle uptime. Designed for both fleets and drivers, our services integrate a host of features to reduce unplanned stops, operational costs and provide support on every step of the journey.

Read more about telematics on page 25.



## Flexible cab layout

The largest cab in UD Trucks' history is perfectly designed for long-haul drives. Offering walk-through comfort, bunk beds and plenty of storage, this High Roof Cab also features a clear instrumental panel where everything is within reach. As a result, more productive assignments can be completed with ease.



## Rear Air Suspension

Quester enhances driver comfort, reduces noise and vibration, protects cargo and improves towing efficiency with easy height adjustments. It also boosts handling and stability, especially when hauling heavy loads, ensuring smooth operations and more efficient deliveries.

## Body Builder Module (BBM)

Quester BBM offers access to various vehicle signals and functions that are needed by the superstructure control systems for some specialized applications.

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





A SMART MOVE FOR FUEL EFFICIENCY

# ESCOT for Quester

Easy & Safe Controlled Transmission. First created in 1995 in Japan to reduce fatigue by eliminating clutch operation, ESCOT continues to evolve. Now matched with GH8E and GH11E on Quester, it enables all drivers to achieve superior fuel efficiency.

## So what is ESCOT?

- A fast-responding automated manual transmission that has built-in intelligence
- Quick and automatic selection of the right gear at all times



 A SMART MOVE FOR FUEL EFFICIENCY

## Comfortable and efficient driving performance

ESCOT, the latest evolution in 12-speed automated manual transmission, and an interior designed for driver comfort, provide a sophisticated and comfortable driving experience that reduces driver stress and fatigue. In an average daily truck operation with a manual transmission, drivers need to shift 1,000 to 1,500 times per day. This constant routine requires focus that could be better devoted to the road and assignment. With ESCOT always selecting the optimal gear, drivers can improve efficiency and productivity regardless of their skill level or experience.

### The benefits of ESCOT

- Better fuel efficiency via seamless gear shifting for every driver
- Improved productivity and efficiency via easier driving
- Less stress and fatigue increases safety
- PWR+ mode offers greater driving stability and smooth takeoff in tough conditions

### Simple and easy-to-use gear lever

The ESCOT gear lever uses a straight shifting pattern, an evolution in simple and easy-to-use design.

#### R Reverse

Creep function is available in the reverse mode to approach loading dock safely.

#### N Neutral

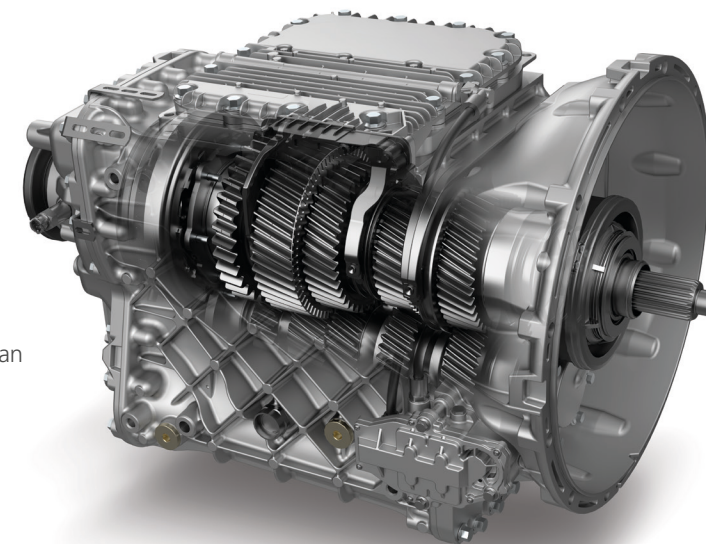
Gear lever position for when the truck is parked.

#### D Drive

Programmed for automatic and precise gear changes and fuel efficient driving of a professional driver.

#### M Manual

You can use the convenient +/- button on the side of the gear level to change up and down.



### Unparalleled operability

ESCOT provides advanced gear change control and suppresses fluctuations in fuel efficiency. Enhancements to hardware and software control achieve fast and accurate gear changes. Quick and smooth gear changes reduce the driver's level of stress and fatigue while contributing to safe driving. Performance is also improved on uneven surfaces and muddy roads.

### How is fuel efficiency improved?

First of all, internal energy losses are low – actually lower than on manual gearboxes. However it's the electronics that really make the difference. When driving in ECO mode, every gear change is timed precisely, to let the engine work at its most efficient RPM range, resulting in higher fuel efficiency.

### ECO-Roll

When in cruise control, the ESCOT ECO-Roll fuel-saving feature calculates when it is optimal for trucks to roll down gradients in neutral.

It maintains speed by automatically disengaging the engine while coasting. This makes use of the truck's momentum instead of burning fuel.



#### Brake Max mode

For enhanced braking and vehicle controls



#### Rock loose mode

For better traction in slippery conditions



#### Advanced Construction P+ mode

For high-torque applications





A SMART MOVE FOR FUEL EFFICIENCY

# Your fuel-friendly combination

**ESCOT with Quester GH8E and GH11E**  
— a winning formula for increased fuel efficiency.

### Cruise control

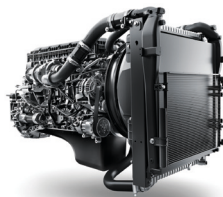
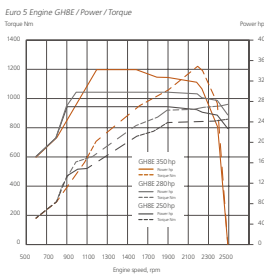
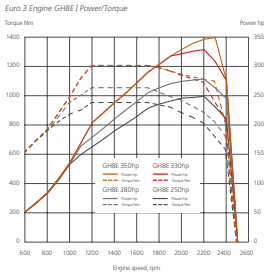
Cruise control reduces driver workload on longer journeys and helps to reduce fuel consumption by maintaining a constant speed.

### Aerodynamic cab design

- Improved fuel efficiency at highway speeds
- Optional roof deflector reduces coefficient drag by 5%

## Powerful and efficient performance

The engines deliver high torque and pulling power at low RPMs, while flat torque curve minimizes the need for gear changing. That means higher average speeds and lower fuel consumption in the long run.



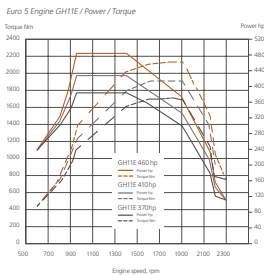
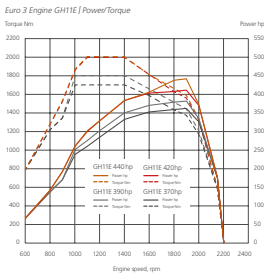
### GH8E

- 8-liter diesel engine
- Low operating cost via reduced maintenance and long service intervals
- Turbocharging with air-to-air intercooler
- Available in both Euro 3 and Euro 5
- Power/torque: 250 hp/950 Nm, 280 hp/1050 Nm, 330 hp/1200 Nm, 350 hp/1200 Nm

- Available with optional UD Extra Engine Brake

### Available transmissions:

- ESCOT-E automated manual transmission
- Automatic (Allison)
- Manual



### GH11E

- 11-liter diesel engine
- Good torque at low revs delivers fast acceleration
- Low fuel consumption via wide rev range & high thermal
- Available in both Euro 3 and Euro 5
- Turbocharging with air-to-air intercooler
- Engine driven power take-off with high torque output of maximum 650 Nm

- Power/torque: 370 hp/1700 Nm, 390 hp/1800 Nm, 420 hp/2000 Nm, 440 hp/2010 Nm, 410hp/1990 Nm, 460hp/2240 Nm

- Available with optional UD Extra Engine Brake

### Available transmissions:

- ESCOT-E automated manual transmission
- Automatic (Allison)
- Manual

### Fuel Coach

ESCOT has an optimized software to deliver better fuel efficiency for all applications. The best way to improve driving efficiency is to get coaching in real time. All Quester models are equipped with a built-in fuel coach and an onboard solution clearly displayed at the center of the 5-inch LED display — providing on-the-go guidance.

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.





A SMART MOVE FOR DRIVER EFFICIENCY



#### Cab air suspension

With the introduction of cab air suspension, cab vibration is greatly reduced. This helps lessen driver fatigue and enables better productivity. An air suspended cab is more versatile on different types of terrain, and offers a more consistent all-round driving experience.\*



#### New driver seat

Quester features a new air suspended seat with lumbar support and optional armrest for improved driver comfort. A worthwhile investment in reducing lost time injuries and retaining drivers.\*



#### New steering wheel

Quester now features a 4-spoke wheel with cruise control switches on the steering wheel, allowing for easier and more stable driving.

\* Available as option on selected models and markets.

#### New instrument cluster

The new instrument cluster provides real-time driver coaching to ensure comfortability, efficiency and safety. A simplified design allows drivers to comprehend information easily and quickly.



#### Highly visible instrument cluster

Quester 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. A clear visible gauge lets them check AdBlue levels on vehicles containing the SCR system so they can plan for their next refill.

#### Auxiliary display

Designed to elevate the driving experience, the auxiliary display offers an intuitive connectivity hub that enhances both functionality and luxury. It seamlessly integrates smartphone connectivity and on-the-go entertainment, ensuring drivers stay engaged, while enjoying a refined high-quality interior.



Engine and gear utilization



Parking and stopping



Phone mirroring capability



Touchscreen capability with Bluetooth connectivity



Look ahead driving



Speed

A SMART MOVE FOR DRIVER EFFICIENCY

# Elevated comfort and better support for drivers

Giving drivers more comfort and room to live and work opens up your business to more profitable opportunities. Quester takes this to a new level.

#### High Roof Cab

The new High Roof Cab is the largest cab ever built by UD Trucks. An impressively spacious, walk-through cab is equipped with upper and lower bunk beds for shared long-distance assignments.







A SMART MOVE FOR SAFETY

# Safety built in for you

There can be no compromise when it comes to safety. That's why all our built-in safety systems and features are developed and tested to the very highest standards.



## Driver airbag

Quester now comes with the option of a driver airbag to enhance road safety, regardless of the nature of the driving operation. This feature helps mitigate the risk of frontal collisions and reduces impact on the driver in the event of an accident.

## LED tail lamps

Quester features durable LED tail lamps that enhance rear visibility with brighter illumination, improving road safety, especially at night. Their sleek, modern design adds a stylish touch to the overall aesthetic.

## High-visibility rear view mirrors

Quester cab provides first-class all-round visibility and depending on customer preference or regulations there are two types of rear view mirrors, namely Japanese type and ECE certified.

## ECE certification

Quester is fully ECE (Economic Commission for Europe) compliant, meaning that cab safety, braking, ADR, lighting and noise requirements are all certified and approved to European standards. ECE R29 for cab strength is part of this certification.

## Front Underrun Protection system

Quester's cab exterior has been designed and developed with the focus on safety. The Front Underrun Protection System (FUPS) is equipped to prevent smaller vehicles from being wedged under the front in the event of a collision.

*Available as an option for three-piece steel offroad bumper.*

## Extended ADR

If specified on the truck, Quester's electrical system is encapsulated and protected from external thermal anomalies. ADR-adaption means that Quester is regulated for safe transportation of hazardous substances.

*Available as an option, not included as a standard feature.*

## Auxiliary brake

A reliable auxiliary braking system on Quester helps to maintain safe speeds and delivers powerful braking without fade.

The UD Extra Engine Brake (UD EEB) is a powerful engine brake that is optional with the 8 and standard on 11-liter engine. It uses back pressure on the cylinder within the engine, using exhaust pressure and a patented ingenious valve system. There is no generation of heat or extra wear and tear on equipment.

## Hydraulic retarder

The presence of hydraulic retarder makes downhill driving easier. This reduces brake wear and prevents accidents due to brake fade.

## Brake Max mode with ESCOT

When not coupled with a hydraulic retarder, ESCOT features a Brake Max Mode which allows the transmission to continuously downshift for a more effective use of the EEB.

## Other braking functions include:

- Exhaust brake on GH8E and GH11E enables fast, reliable engine braking
- ABS (Anti-lock Braking System) improves braking on all surfaces
- Full S-cam air brakes are super-durable for constant use
- Parking brake alarm alerts driver to engage parking brake before disembarking





## UD Stability Control (UDSC)

UDSC enhances vehicle stability and handling — improving driver safety and preventing vehicle roll over. It works along the Electronic Breaking System (EBS) with two control sensors: Directional Stability Control (Yaw Control) and Roll-over Protection (Roll Stability Control). When instability is detected, the system automatically intervenes to prevent critical situations.

### Prevention of understeering

Prevents understeering by reducing engine torque when a tractor-trailer unit loses grip in a curve. This action restores traction to the front wheels, helping the vehicle stay on course.

### Roll-over Protection (Roll Stability Control)

Reduces the risk of tipping in various driving conditions, particularly on medium to high-friction roads. The system monitors lateral acceleration and vehicle load, reducing speed by cutting engine torque and applying brakes to the truck and trailer, preventing roll-over.

### Prevention of oversteering and jack-knifing

Prevents jack-knifing by applying brakes to the trailer wheels when the tractor's rear loses grip in a curve. This helps straighten the unit by counteracting the skid and stabilizing both the tractor and trailer.



## UDSC on ESCOT models



**Traction Control** avoids excess wheel slip or spin or a combination of both, through braking the individual wheel ends or by regulating engine torque. Can be deactivated using a switch on dashboard.



**Brake Blending** reduces brake lining wear in the service brakes by using the auxiliary brakes. EBS requests for the required retardation rate and brake blending is enabled by default.



**Coupling Force Control** optimizes the brake pressure between the tractor and the trailer, as a result the brake lining wear is stable and even.



**Drag Torque Control** enhances traction between wheels and the road surface, especially helpful in slippery conditions.



**Hill Start Aid** prevents rollback when starting the vehicle on a hill or slope. Activated using a switch on dashboard and available with ESCOT transmission only.



**Brake Assistance** detects panic braking situations and applies full brake pressure even if driver may not have depressed the brake pedal fully.



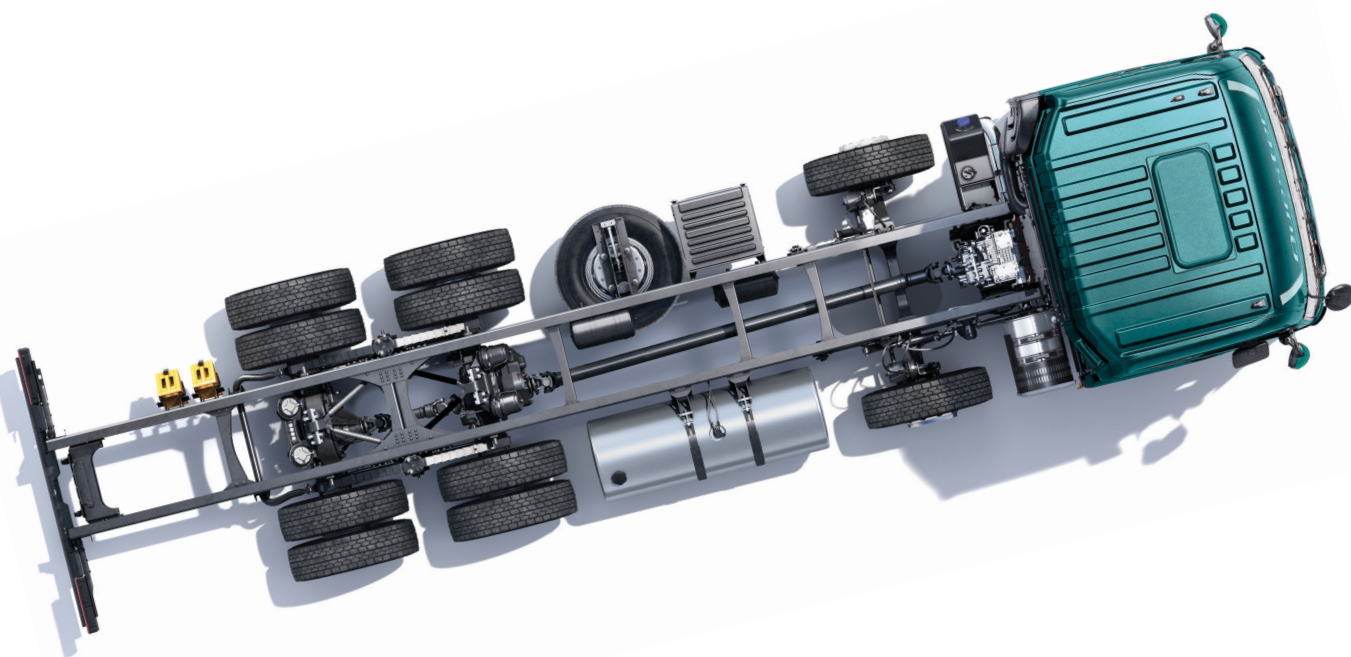


A SMART MOVE FOR UPTIME

# A longer life for components

## PRODUCT UPTIME

Proven Japanese reliability and robustness are what our trucks offer. Each component is the result of years of development and rigorous stress testing to create the ultimate truck.



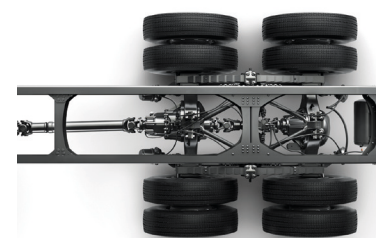
### Robust, high-tensile steel chassis frame

The key to efficient transport is increased payload. Quester uses high-tensile steel rails for the main frame to reduce the vehicle's weight — achieving further improvements in loading performance.

It also comes with a rolling form frame which is good for vertical and torsional stresses when rolling and pitching happen together. This reduces stress from uneven road surfaces, loads with high center of gravity and unevenly distributed loads, making it suitable for many different conditions.

### Pre-set plus wheel hub

Factory pre-assembled and pre-adjusted for guaranteed quality and consistency, it reduces workshop time by 37%, improving uptime. With a 13.5T payload and enhanced design, it offers simpler installation, higher durability and eliminates misalignment risks — making it ideal for long-haul operations with extended mileage.



### Tough rear leaf suspension

The rear leaf suspension on the 6×4T/R and 8×4R is designed for rough conditions and particularly suitable for construction where durability and high reliability are of highest importance.



### Longer service intervals

The maintenance interval of lubricants for engine transmission and various gears are significantly extended. Oil-bath type of the front axle hub and the larger capacity of the clutch and brake will reduce the lifetime maintenance costs.



### Hub reduction for tough jobs

Factory pre-assembled and pre-adjusted for guaranteed quality and consistency, it reduces workshop time by 37%, improving uptime. With a 13.5T payload and enhanced design, it offers simpler installation, higher durability and eliminates misalignment risks—making it ideal for long-haul operations with extended mileage.



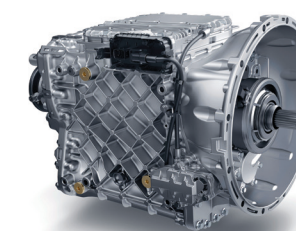
### Three-piece steel off-road bumper option

A sturdy three-piece steel bumper with high ground clearance and excellent approach angle, is suitable for construction and offroad assignments.



### Easy maintenance

The large opening of the electric cab tilt allows for easy, quick and safer access to the engine. For daily inspections and maintenance, a checklist is centralized on the front lid.



### Extended clutch life span

Clutch life on trucks with ESCOT automated manual transmission is estimated to last much longer than those with manual clutch. A transmission retarder ensures less wear of the service brake linings. This ensures brakes stay healthy and functioning with longer intervals between replacements.





A SMART MOVE FOR UPTIME

# Your fastest route to profitability

## UPTIME SUPPORT

UD Connected Services is the all-in-one smart logistics platform that will drive your business further. Designed for both fleets and drivers, our services integrate a host of features to reduce unplanned stops, operational costs and provide support on every step of the journey.

### My UD Fleet

This suite of services can be access through the My UD Fleet web portal or mobile app. Share, analyze and store valuable data for business optimization and higher efficiency on the platform. Available on web, iOS and Android devices.

### Powerful tools to propel your business further



**Real-time truck location**  
Monitor the health and position of each truck in your fleet in real time.



**Productivity Dashboards**  
Dashboards provide real-time insights into your fleet operations, empowering you to track performance trends and enhance overall fleet efficiency.



**Eco Coach Report**  
Track driving scores for engine use, speed, anticipation, and idle time to boost fuel efficiency, reduce wear and tear and cut emissions.



**Automated reports**  
Receive scheduled email reports daily, weekly, or monthly, freeing up valuable time for more important tasks.

## UD Extra Mile Services

Happier drivers, smarter vehicles, more satisfied customers — all made possible by our integrated, comprehensive support network. With everything we offer, we're committed to going the extra mile to ensure that your fleet is optimized for maximum effectiveness.



### UD Service Contracts

Whether you want scheduled maintenance only or maximum uptime, a UD Service Contract is tailored and designed to keep your truck on the road and boost your bottom line. Our three levels service contracts: Standard, Extra and Ultimate together with numerous add-ons or options offers a flexible solution for your needs and operation.

### UD Driver Training

We want to encourage new drivers to make a positive contribution to your operations. Our Driver Training program is designed to help build driver capability. Courses cover not only vehicle handover and operation, but also the best methods for fuel efficient and safe driving. Dedicated modules are available for long haul drivers.

### UD Genuine Parts & Accessories

Because every part of your fleet matters. Designed and tested to provide the highest quality and durability, these offerings lower costs per kilometer — all backed by a two-year warranty.

### UD Genuine Services

With extended service intervals, you'll spend less time in the workshop and more time on the road. Telematics allows us to plan maintenance remotely and customize service schedules — including checks on lubricants, coolants, and AdBlue.

### Optimized Service Planning

With longer service intervals, you won't have to visit our workshops and instead get the most out of your fleet. Our optimized service planning uses telematics, which helps us plan any maintenance remotely. It also lets us customize service schedules for your specific application.



### UD Connected Services

UD Connected Services will help you boost your business by optimizing operations and maximizing vehicle uptime. Designed for both fleets and drivers, our services integrate a host of features to reduce unplanned stops, operational costs and provide support on every step of the journey.



### UD Mobile Workshop

UD mobile workshop brings basic workshop services right to your doorstep. Our trusted professional mechanics can provide preventive maintenance, basic repairs, oil changes or electronic diagnostics using UD Trucks systems and tools. Saving you time and money for the long haul.



### UD Road Support

We know how it feels to experience an unexpected standstill. Operating 24/7, UD road support will get you back up and running in no time. Offering reliable UD Genuine Service and quality UD Genuine Parts, our dedicated call center specialists will stay with you every step of the way until your issue is resolved.





UNPARALLELED DURABILITY AND RELIABILITY

# Genuine Parts & Accessories

Built to perform in various conditions, UD Genuine Parts & Accessories are the trusted choice for your fleet. Rigorously tested and provided through a global parts supply network, our wide range of offerings delivers nothing less than the highest quality.



## UD Service Exchange Parts

Save costs without compromising on reliability. These genuine used parts are expertly refurbished by authorized repair centers or approved suppliers. For continued high performance and durability at an affordable price, UD Service Exchange Parts deliver proven quality you can depend on.



## The guarantee of peace of mind

THAT'S OUR PROMISE TO YOU EVERY DAY.

Enjoy a minimum of 12 months' warranty, which is increased to 24 months when fitted in an authorized workshop.

All service work is carried out by our qualified technicians, who are continuously trained to keep up with the latest technological developments. Our workshops are equipped with effective diagnostic systems, a full range of special tools and the latest service literature.

With our 2 Years Fitted Parts Warranty, you get the best protection and the most value for money.





Sustainability

Use powerful data-driven solutions to raise your fleet's fuel efficiency and champion long-term sustainability. Leverage Eco Coach and fuel efficiency reports to optimize driving performance and reduce fuel usage.

- Practice sustainable fuel management with a bird's-eye view of your fleet's fuel efficiency.
- Utilize the new Fuel Efficiency report to assess driving performance and scores — useful data for targeted coaching.



Optimized Business

Get ahead of the competition by improving your delivery planning and turnaround times. Stay on top with proactive alert notifications, vehicle health monitoring and trip inspection summaries.

- Map out virtual boundaries and observe speed limits with Geofencing. Receive alerts when a vehicle deviates off route.
- Stay on top of faults and corrective plans — with vehicle health alerts via UD Connected Services.
- Protect your fleet with the new fuel level change report and visualize the location of suspected fuel theft on the map.



My UD Fleet

Track your fleet in real-time, 24 hours a day, 7 days a week. Anticipate road delays, avoid costly trip disruptions and make contingency plans on-the-fly. Further secure your journey by pre-checking vehicle roadworthiness.

- Monitor your fleet with real-time tracking: live fleet status, location and most recent events.
- Trace route and event history to aid incident investigations.



Uptime

Achieve better uptime with greater vehicle monitoring, timely alerts and remote customer assistance. Run your business and drive confidently knowing you can request on-site repairs from UD Road Support — at the push of a button.

- Get notified of vehicle faults and rectify problems quickly.
- Keep an updated service plan by connecting your fleet — and properly coordinate all your workshop visits.



Track & Trace

Fleet visibility for smarter decisions and operations.



Stolen vehicle recovery

Locate stolen vehicles in real time and reclaim control.



Geofencing

Boost security, streamline operations and stay in control with location-based alerts.



Productivity Dashboards

Real-time insights into your fleet operations, empowering you to track performance trends and enhance overall fleet efficiency.



Eco Coach Report

Track driving scores for engine use, speed, anticipation, and idle time to boost efficiency and cut emissions.



UD Data Interface (API)

Integrate and analyze real-time fleet performance and act faster than ever. Your data, your way, without the wait.



Automated reports

Receive scheduled email reports daily, weekly or monthly, freeing up valuable time for more important tasks.

TECHNICAL SPECIFICATIONS

Quester range.

Configuration overview

Model	Axle Configuration	Max GVW/GCW (Tons)	Engine Type	Engine Power (hp)	Transmission	Rear Axle
CKE	4x2 Rigid	21T GVW	GH8E	250/280/330/350	6S MT/ 9S MT	Single reduction
CDE	6x2 Rigid	31T GVW	GH8E	250/280/330/350	6S MT/ 9S MT/ 6S AT	
CWE	6x4 Rigid	34T GVW	GH8E	250/280/330/350	9S MT/ 6S AT	Single reduction/ Hub reduction
			GH11E	370/390/410/ 420/440/460	9S MT/ 12S MT/ 12S AMT/ 6S AT	
CQE	8x2 Rigid	38T GVW	GH8E	250/280/330/350	9S MT	Single reduction
CGE	8x4 Rigid	41T GVW	GH8E	250/280/330/350	9S MT	Single reduction/ Hub reduction
			GH11E	370/390/410/ 420/440/460	9S MT/ 12S MT/ 12S AMT/ 6S AT	
GKE	4x2 Tractor	60T GCW	GH8E	280/330/350	9S MT	Single reduction
			GH11E	370/390/410/ 420/440/460	9S MT/ 12S MT/ 12S AMT	Single/ Hub reduction
GDE	6x2 Tractor	48T GCW	GH8E	250/280/330/350	9S MT	Single reduction
			GH11E	370/390/410/ 420/440/460	9S MT/ 12S MT/ 12S AMT	
GWE	6x4 Tractor	80/100T GCW*	GH8E	250/280/330/350	9S MT	Single reduction/ Hub reduction
			GH11E	370/390/410/420/440/460	9S MT/ 12S MT/ 12S AMT	

11L 390hp, 420hp and 440hp only available for EU3. 11L 410hp and 460hp only available for EU5.  
\*\*For selected markets and applications only.

Wheelbases (mm)

Tractor	3200			3400			3500			3600			3700		
4x2															
6x2															
6x4															

Rigid	3400	3500	3700	3900	4000	4100	4300	4600	4900	5100	5200	5600	5800	6000	6100	6300	6500
4x2																	
6x2																	
6x4																	
8x2																	
8x4																	

Load capacity

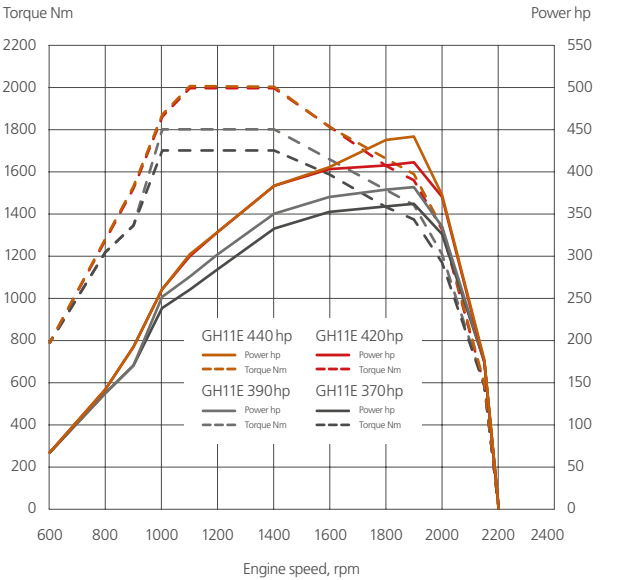
Tractor	REAR SUSPENSION		FRONT SUSPENSION		DRIVELINE	
	Type	RAL	Type	FAL	Engine	Rear axle
GKE 4x2T	Multileaf	13t	Parabolic	7.5/8.0t	GH11E/GH8E	Single Reduction
GDE 6x2T	Multileaf	23t	Parabolic	7.5/8.0t	GH11E/GH8E	Single Reduction
GWE 6x4T	Multileaf	23/26t	Parabolic	7.5/8.0t	GH11E/GH8E	Single/Hub Reduction

Rigid	REAR SUSPENSION		FRONT SUSPENSION		DRIVELINE	
	Type	RAL	Type	FAL	Engine	Rear axle
CKE 4x2R	Multileaf	13t	Parabolic	7.5/8.0t	GH8E	Single Reduction
CDE 6x2R	Multileaf	23t	Parabolic	7.5/8.0t	GH8E	Single Reduction
CWE 6x4R	Multileaf	23/26t	Parabolic	7.5/8.0t	GH11E/GH8E	Single/Hub Reduction
CGE 8x4R	Multileaf	23/26t	Parabolic	15t	GH11E/GH8E	Single/Hub Reduction
CQE 8x2R	Multileaf	23t	Parabolic	15t	GH8E	Single Reduction



Driveline

Euro 3 Engine GH11E | Power/Torque



GH11E general description

In-line 6-cylinder four-stroke diesel engine with unit injector high-pressure direct injection. 4 valves per cylinder. Turbocharging with air-to-air intercooler.

Displacement	10.8 liters
Economy rev range	900–1400r /min
Emission level	EU3 and EU5

GH11E 370hp

Max Power at 1900 r/min	370 hp (278 kW)
Max Torque at 1000–1400 r/min	1700 Nm

GH11E 390hp (EU3 only)

Max Power at 1900 r/min	390 hp (293 kW)
Max Torque at 1000–1400 r/min	1800 Nm

GH11E 410hp (EU5 only)

Max Power at 1900 r/min	410 hp (305 kW)
Max Torque at 1100–1400 r/min	1990 Nm

GH11E 420hp (EU3 only)

Max Power at 1900 r/min	420 hp (315 kW)
Max Torque at 1100–1400 r/min	2000 Nm

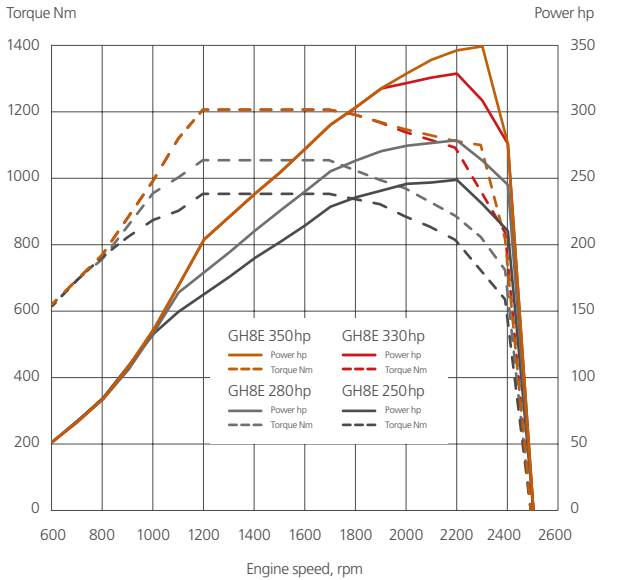
GH11E 440hp (EU3 only)

Max Power at 1900 r/min	440 hp (330 kW)
Max Torque at 1100–1400 r/min	2010 Nm

GH11E 460hp (EU5 only)

Max Power at 1900 r/min	460 hp (343 kW)
Max Torque at 1100–1400 r/min	2240 Nm

Euro 3 Engine GH8E | Power/Torque



GH8E general description

In-line 6-cylinder four-stroke diesel engine with common rail high-pressure direct injection. 4 valves per cylinder. Turbocharging with air-to-air intercooler.

Displacement	7.7 liters
Bore	110 mm
Stroke	135 mm
Compression ratio	17.5:1
Exhaust brake effect at 2500 r/min	145 hp (107 kW)
Economy rev range	900–1600r /min
Oil-change volume, including oil filters	approx. 20 liters
Oil filters, no.	1 full-flow
Cooling system, total volume	approx. 37 liters
Dry weight (base engine)	approx. 712 kg

GH8E 250hp

Max Power at 2200 r/min	250 hp (184 kW)
Max Torque at 1000–1700 r/min	950 Nm

GH8E 280hp

Max Power at 2200 r/min	280 hp (206 kW)
Max Torque at 1000–1700 r/min	1050 Nm

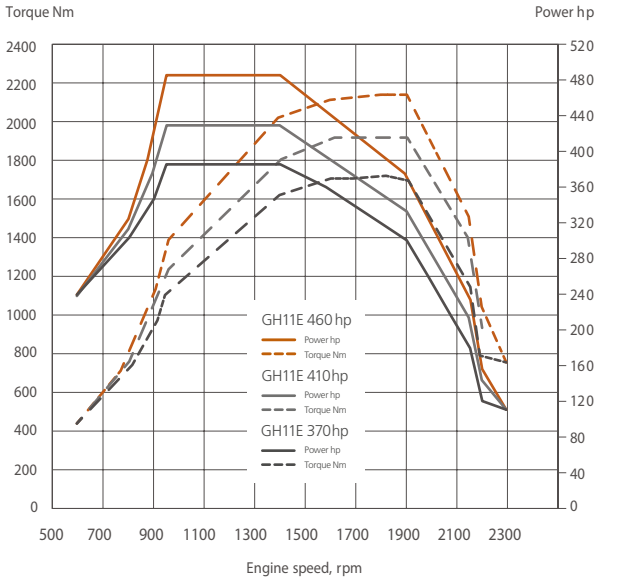
GH8E 330hp

Max Power at 2200 r/min	330 hp (243 kW)
Max Torque at 1200–1650 r/min	1200 Nm

GH8E350hp

Max Power at 2250 r/min	350 hp (258kW)
Max Torque at 1200–1650 r/min	1200 Nm

Euro 5 Engine GH11E / Power / Torque



Transmission

Manual Transmission

Type	Top gear	Input torque	Gears	8L	11L
ST1006	Directdrive	1000 Nm	6	○	
ST1199	Directdrive	1190 Nm	9	○	
STO2009	Overdrive	2000 Nm	9		○
STO2012	Overdrive	2000 Nm	12		○

Automated Manual Transmission (AMT)

Type	Top gear	Input torque	Gears	11L
ESCOT-E	Overdrive	2600 Nm	12	○
	Directdrive	2600 Nm	12	○

Automatic (Allison) 6-speed fully automatic transmissions

Type	8L	11L
AL306	○	
AL326	○	
AL446		○

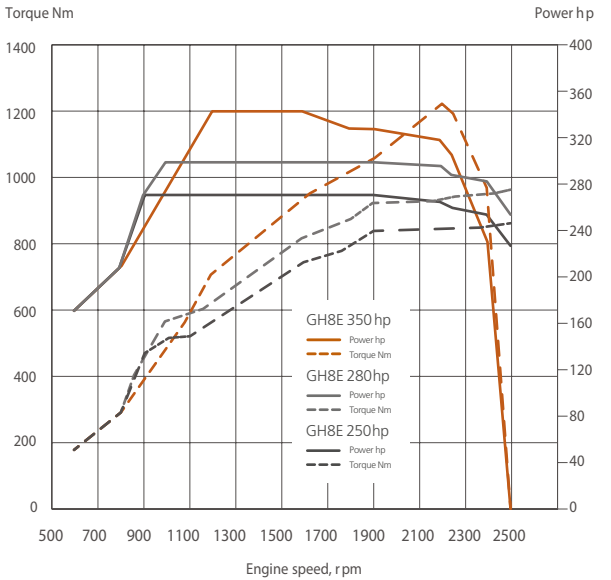
Engine Output and Torque - EU3/EU5

Engine	Power (hp/kw)	RPM	Torque (Nm)	RPM
GH8E 250 (EU5)	250/184	2200	950	1000-1800
GH8E 280 (EU5)	280/206	2200	1050	1100-1800
GH8E 330 (EU3)	330/243	2200	1200	1200-1650
GH8E 350 (EU5)	350/258	2200	1200	1200-1600
GH11E 370 (EU5)	370/278	1800	1790	950*
GH11E 390 (EU3)	390/293	1900	1800	1000-1400
GH11E 410 (EU5)	410/308	1800	1990	950*
GH11E 420 (EU3)	420/315	1900	2000	1100-1400
GH11E 440 (EU3)	440/330	1900	2010	1100-1400
GH11E 460 (EU5)	460/346	1800	2240	1200*

\*Peak rpm values as per engine certification, EU5 11L engines also have flat torque.

Specifications and options may differ depending on each country due to regulations or special requirements. Please contact your nearest UD Trucks dealer for further details.

Euro 5 Engine GH8E / Power / Torque



Interior dimensions	Standard roof	High roof
Length, (front window to back panel)	1830 mm	2030 mm
Width, (inner door trim to door trim)	2090 mm	2090 mm
Height, (floor to roof above driver's head)	1445 mm	2000 mm

Single reduction axle	Max. engine torque	Reduction
Hypoid gear	2010 Nm	Tandem: 3.70, 4.11, 4.30, 4.63, 5.14, 5.57, 6.17 Solo: 3.91, 4.30, 4.89, 5.63

Hub reduction axle	Max. engine torque	Reduction
Spiral gear + Planetary gear	2010 Nm	4.08, 4.87, 5.24, 5.79, 6.37

The tandem hub reduction axle is equipped with reliable and robustly dimensioned 2 stage differential lock as standard. Stage 1 is inter-axle and stage 2 is between wheels.

Power Take-Off (PTO) system

Engine PTO options are available on both 8L and 11L engines with either a flange or a spline output. Various transmission PTO options are also available with both output types on the manual and AMT transmissions.

Cabin Interior

Interior dimensions	Standard roof	High roof
Length, (front window to back panel)	1830 mm	2030 mm
Width, (inner door trim to door trim)	2090 mm	2090 mm
Height, (floor to roof above driver's head)	1445 mm	2000 mm