



UD TRUCKS

Long Haul



Going the Extra Mile



Going the distance.

Long haul today

Achieving success in long haul transportation depends on many factors. Ever-increasing global consumption means the demand for top quality goods transport is at an all-time high. This has led to tougher competition

and tight margins putting more pressure on to cut costs. These factors are here to stay.

At the same time there is added pressure on long haul operators to attract and retain skilled drivers. Long haul means more time

away from home. That's why the need for smart, modern, comfortable, affordable and sustainable vehicles that run longer using less fuel has never been greater.

Why UD Trucks for long haul?

UD Trucks has a history of providing ultimate dependability. Reliable and robust trucks that won't let you down. New Quester is here, with key new features such as ESCOT automated manual transmission delivering easier driving and even greater fuel efficiency.

New Quester offers the possibility to increase productivity, achieve higher payload and deliver lower overall operating costs.

Furthermore, we believe that greater cab comfort promotes success and in an industry beset by a shortage of skilled drivers,

attracting new talent is key. New Quester features the largest cab in UD Trucks' history, offering walk-through comfort and generous bunk space for long haul operations. It is a truck to be proud of and a place to call home.

Made to go the extra mile.

Comfortable, fuel efficient and easy to drive. For the long run. New Quester offers Japanese reliability, made to go the extra mile to make your operations easier.

New Quester features perfect for long haul



- Reliability & durability for long distances
- Excellent fuel efficiency with ESCOT
- Smooth, efficient driving with ESCOT increases productivity
- Robust components maximize uptime

- Largest ever UD cab for more comfortable assignments
- High load capacity increases profitability
- Fuel reports and training improve driver performance

■ Profitable service life

■ High average speed for faster assignments

■ UD Telematics enable easy fleet control

Where comfort equals efficiency.

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



A spacious, well-appointed cab makes for a more pleasant and comfortable working environment. The High Roof Cab doubles as a mobile home on long haul assignments, delivering flexibility for a more productive working day on the move.

At the same time, ESCOT, the latest evolution in 12-speed automated manual transmission, provides 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. With ESCOT always selecting the optimal gear, drivers can improve efficiency and productivity, regardless of their skill level or experience.

A more profitable journey.

A host of tailor-made features make New Quester the most reliable choice for long haul assignments. Read on to find out more.



Productivity

Lighter truck, higher payload

Optimized tare weight is hugely profitable when combined with a powerful driveline. Depending on the specifications selected, it can significantly reduce New Quester's tare weight, offering quick payback.

ESCOT lightweight drivability

With key components made of aluminium, ESCOT automated manual transmission also contributes to New Quester's low weight for higher payload. Choosing the right gear at all times, ESCOT delivers easy, efficient and productive driving, with high average speeds and low operating costs.

High average speed

When clocking up the kilometres over long stretches, it's vital to maintain as steady a pace as speed limits allow. High torque at low revs means excellent engine response at all times. Both GH8E and GH11E engines deliver power and performance on demand, meaning a higher average speed and more productive operations.

Better fleet control

UD Telematics makes long haul operations easier via simple, intuitive technology. A smartphone app features geofencing, allowing you to track and trace locations and draw boundaries to optimize routes for maximum efficiency.

Uptime

Guaranteed reliability

We call it the best of three worlds. A rich Japanese heritage. Global sourcing of the highest quality components. And developed with the full global resources of the Volvo Group. Meaning reliability and durability guaranteed.

Profitable service life

New Quester makes sense as a long-term business investment. Why? Well, you can look forward to a profitable life-cycle. A strong, durable rolling form frame twinned with effective cab, axle and bogie suspension helps to reduce load and manages stresses on the chassis frame, ensuring a long-life.

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 in-vehicle diagnostics, which helps us plan any maintenance remotely to avoid unplanned stops. It also lets us customise service schedules for your specific application.

Fuel efficiency

A fuel-friendly combo

It goes without saying that a fuel-efficient engine is a key enabler of profitability in the long haul industry. ESCOT communicates closely with New Quester's GH11E engine to adjust revs and engine brake effect for fast, comfortable, fuel efficient gear shifts.

When driving in Economy mode, every gear change is timed precisely, to let the engine work at its most efficient rpm range.

The perfect powertrain

The best modern powertrain combinations don't simply deliver improved power and

performance. They do it while consuming less fuel. New Quester features UD Trucks' in-house powertrain with AMT synchro. Also available are a wide choice of rear axle ratios for different applications, so that the truck can operate in the economy band at cruising speed in top gear. All the time delivering top performance.

On-board driver assistance

A range of New Quester features help drivers go further to save fuel. Putting the vehicle in cruise control helps keep speed constant on long stretches of highway and sparsely populated roads. The driver information display also features a road speed limiter. This can be set to ensure that the truck only travels at speeds within the economy band.

Aerodynamic hub

New Quester's aerodynamic design offers reduced wind resistance, which helps save on fuel. Streamlining behind the cab area and factory-fitted air deflectors are two aerodynamic innovations developed to make long haul assignments more economical. Combined with optimized powertrain and fuel coaching system, New Quester makes it easier to stay one step ahead of the competition.

Knowledge to improve performance

Giving you the right tools for success is what we do. Via UD Telematics, a series of fuel utilization reports show how each driver and vehicle are performing. Easy to understand, this information can be used to make the changes you need to ensure your operations are as effective as they can be. Furthermore, a fuel theft alert function helps safeguard both profitability and vehicle security.

Driver efficiency

High Roof Cab

Improving comfort for long haul operations can have a hugely positive effect on your bottom line. New Quester's High Roof Cab is the largest in UD Trucks' history. An impressively spacious, walk-through cab is

equipped with upper and lower bunk beds for shared long-distance assignments.

Cab air suspension

With the introduction of cab air suspension, cab vibration is greatly reduced. This helps lessen driver fatigue and enables better productivity. A smoother ride with is also much kinder to the goods being transported. Air suspension is more versatile on different types of terrain, and offers a more consistent all-round driving experience.

New driver seat

Around 80 per cent of truck drivers globally suffer with back problems due to long hours spent in the driver seat. New Quester features a new air suspended seat with lumbar support and armrest. A worthwhile investment in reducing lost time injuries and retaining skilled drivers.

Vehicle handover

At UD Trucks, we believe that positive partnerships create good business. That's why we introduced a vehicle handover, to ensure that all drivers get the full low-down on exactly the truck they will drive. Driver training from day one means that efficient driving and improved fuel economy don't have to wait. And drivers getting familiar with features and daily checks increases on-road safety.

Better driver performance

Our driver assistance features help to better overall performance. An angled dashboard layout with clear instrument panel and easy-to-reach switches mean that focus is totally on the road ahead. Clear information is available via a larger display, helping to deliver a more consistent drive with fewer unnecessary speed variations.

A smoother ride with ESCOT

Easier driving can attract new talent in an age where driver shortage is hitting hard. With ESCOT onboard, all drivers can improve efficiency and productivity regardless of their skill level or experience. Stress and fatigue is also greatly reduced.

Safety

Cab impact protection

All UD trucks are developed and tested to the highest safety standards. Cab impact protection is designed to meet Japanese requirements of a flat barrier impact at 40 km/hr. Various features such as reinforced door panels and impact absorbing steering wheel and column ensure protection in the event of a collision, while three-point seat-belts with reminder are standard.

High visibility rear view mirrors

New Quester's High Roof 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.

Smooth and safe braking

A reliable auxiliary braking system on New Quester helps to maintain safe speeds and delivers powerful braking without fade. The retarder is coordinated with UD Trucks' Extra Engine Brake and maintains a steady speed while travelling downhill without using service brakes.

Safety built in for you

A host of in-built safety features include an optional retarder, which helps maintain a safe speed on downhills. An anti-spill fuel filling device ensures no lost fuel, and a standard battery isolator protects the battery when parked for longer periods. There is also a road-speed limiter, which reduces the chance of accidents when travelling at higher speeds.

Underrun protection

New Quester is available with Front Underrun Protection System (FUPS) and rear underrun protection as options. Front underrun protection is provided courtesy of a composite aerodynamic bumper. This offers effective protection for other vehicles and road users.

With you every kilometre.

At UD Trucks, we recognise that long distance assignments demand the best support network possible. UD Extra Mile Support keeps your trucks working for you.

UD Genuine Service

Service planning for peak performance
 You need your vehicles on the road. That's why our detailed, free-of-charge service planning helps to reduce workshop visits, optimize service intervals for maximum uptime, and lessen any maintenance needed. Together we can keep our trucks running at peak performance.

UD Driver Training
 We want to help and 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 handover and operation, but also the best methods to save fuel and drive safely. Dedicated modules are available for long haul drivers.

UD Genuine Parts

It's reassuring to know that UD Trucks' genuine parts keep vehicles high quality throughout a vehicle's life-cycle. Because every part of your truck matters. Designed and tested to provide the highest quality and durability, and with a one-year warranty, access to UD Genuine Parts increases uptime and lowers costs per kilometre.

Quick Tips!

- ✓ With Geofencing from UD Telematics, draw virtual boundaries on the map which alert you with customised messages when your vehicles cross these zones. Geofences also monitor speed limits within each zone and alert you when these speed limit thresholds are crossed.
- ✓ Specify your service agreement in engine hours and go for comprehensive coverage. This will cover your wear and tear components such as brakes, slack adjusters and clutch plates.

*Our service offer can differ depending on market. Please contact your local dealer for more information on all services available to you.



UD Telematics

A high-tech wireless communications system that helps you manage your fleet effectively, keeping wheels turning while reducing operational costs. Our telematics service maximizes vehicle uptime via remote diagnostics, while fuel consumption reports help to increase profitability.



At your service 24/7

At UD Trucks, we're always working to keep any maintenance costs low. And should you need us, our Extra Mile Support includes a mobile workshop that brings our professional technicians to you, while Roadside Assistance gets your trucks back up and running asap.



UD Trust: Service agreements

Details required for truck maintenance are packaged in a Service Agreement. There are three levels of service care available:

- UD Trust Standard
- UD Trust Extra
- UD Trust Ultimate

“Automated gear shifting means being in the right gear at all times – a huge advantage for long haul.”

Toshi Odawara, Vice President, UD Trucks Quester Product Line talks about New Quester’s qualities as a modern long haul transport solution.

What kind of demands or current trends within long haul are most important to customers?

It is becoming more important to make sure drivers can do the job more efficiently by utilising technology such as easy shifting ESCOT. Imagine how many manual shifts drivers need to do while on a long haul trip. ESCOT reduces this stress so they can focus more on other important tasks.

Driver comfort is key for a long haul trip. Drivers must take a proper rest in bed during the journey and in some cases cook inside the cab to shorten delivery time. The cab in this case is like a second home. Fleet owners are also focusing on providing a comfortable cabin for drivers in order to improve their working environment.

What makes New Quester so ideally suited to long haul operations?

New Quester has been designed to capture essential needs. It comes with double bunk high roof cab – our most spacious ever. An air suspended comfortable seat provides lumber support with arm rest, while the cab itself is also air suspended so that the driver doesn’t feel the direct impact of road conditions.

A huge advantage for long haul is the gear shifting ease of ESCOT. Automated gear shifting means being in the right gear at all times. This has a massive impact on fuel efficiency over long distances and can be a major contributor to greater profitability. For braking performance, New Quester offers the exhaust brakes, UD Extra Engine Brake and also the hydraulic retarder as an option for more severe downhill operations. ESCOT with its sensor will automatically down shift to effectively use the engine brake.

Which UD services can be of particular value to long haul customers?

Since the truck can go for long distances, proper back-up support is necessary. Our trained dealers are located on major routes and have proper competence to provide genuine standard services to minimize downtime. Mobile workshops are also available. The service intervals are optimized to reduce workshop visits and improve uptime.

UD Telematics, which comes with standard, will provide information to support fleet owners, such as location of the vehicle, fuel consumption and driver behaviour. Geofencing will also maximize trip time and to ensure drivers stay on the correct route. It is essential to give fleet owners the control to maximize their resources and carry proper loads. This allows them to create trust with their business partners and provides peace of mind.



“New Quester comes with double bunk, high roof cab – our most spacious ever.”

“ESCOT is very suitable for our business and can support our drivers in many ways.”

Narongsak Sermsuk is CEO for Nanon, a leading vehicle logistics company in Thailand. Nanon uses many UD trucks in its operations and has just introduced New Quester into its fleet.

What is the nature of Nanon's business?

Nanon started in 2000 and provide car carrier transportation services, as well as general and oversized cargo. We transport cars from Thailand over the borders to Laos and Cambodia. We have around 300–400 drivers and 200–300 trucks on the road.

What do you look for in a truck?

We need a truck that is convenient for our drivers, that is easy to manage so that the drivers don't get tired. We set up our trucks in convoys. If drivers are tired and have to stop – meaning one of the trucks cannot go – then the rest of the convoy has to wait for them. Therefore we look for easy-to-drive trucks that are convenient for drivers to make good distance and time. Automatic transmission, a cabin with comfortable seat, good visibility and easy control are all qualities we look for and value in a truck.

ESCOT automated manual transmission offers greater fuel economy than its manual equivalent. How important is saving fuel for Nanon?

Fuel efficiency is very important for us, if we can save even a small amount. Around 80 of our trucks cross the borders every day. If we could save around 10–20 liters of fuel per truck, then we could pay for another truck before too long.

In what other ways do you see ESCOT being able to help your business?

ESCOT is very suitable for our country. It

supports our drivers in making them feel less tired. We have also had problems with some of the drivers when using manual transmission, braking hard and driving in the wrong gear. Experienced drivers often think they know best. Downhill driving is very good with ESCOT, not just in terms of saving fuel but in preventing accidents.

How do your drivers see automatic and automated manual transmission?

These days, more and more of our drivers are buying cars with automatic transmission, so they are actually asking for trucks with automatic transmission. We don't have to convince them. The new generation doesn't know what manual transmission is. Some owners get stuck in the old ways, but once they see what automatic transmission can do, they change their viewpoint.

Is driver comfort important for you?

We care about our drivers. They can make a good profit for us. We have to give them good equipment. If you give them the best truck, like New Quester, they will take pride in their work.

As a car-carrier, you obviously see advantages in being able to transport more?

We want to carry more, but will not break the law of the country we are operating in. If we can get more on our trucks – whether it's a half tonne or one tonne – it will make a big difference to us, as we operate so many

trucks. So New Quester being a lighter truck is a very good thing for us.

How difficult is it for you to attract and keep drivers?

We employ many drivers who normally work with us for around five years. We have to maintain high standards to attract and keep our drivers. They have a difficult job, driving oversized goods in hot, mountainous countries. Also car-carrying is a very specialist exercise, as the cars cannot be scratched when they reach the destination. Smarter and easier trucks help our drivers and our business.

What other services do UD Trucks provide you with?

UD Trucks provide training which helps drivers to get to know the technology and confidence in using the new equipment. Also, their Extra Mile Service is vital to our operations. If we encounter issues with our trucks, we can't simply dispatch one of our own team. Fortunately UD Trucks has an extensive network throughout Thailand and beyond. So in case of an emergency, we just bring the truck to the nearest service center. UD Trucks always goes the extra mile to provide good tools for good business. For a future where we can grow together!





Let's talk more.

Want to know more about how UD Trucks can help your long haul business find the next level?

Get in touch with your local UD Trucks salesperson who will tell you more about our complete product and service offer. Together we can find the solution that works best for you, to deliver your profitable future.

Visit udtrucks.com to find contact details for your local dealer.



UD TRUCKS

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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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