



UD TRUCKS

Waste management



Now featuring New Quester with ESCOT!

Going the Extra Mile





No compromise on waste.

Waste management today

The nature of waste management is changing all the time. Increased global and local demand for sustainability has put massive pressure on authorities to act quickly and effectively. Tough competition between private contractors has also led to greater pressure on productivity and tighter cost measures.

Whether residential or industrial, the efficient storage, transfer, processing and disposal of solid waste is big for business – and vital for reputation. That's why a flexible, reliable, smart and affordable transport solution is now worth more than ever.

Why UD Trucks for waste management?

UD Trucks offer ultimate dependability for waste management assignments. Several generations of UD trucks have provided trusted durability and reliability to several generations of global customers.

And now New Quester is here, with ESCOT further improving driver efficiency and fuel economy. Both New Quester and Croner offer generous payload, while factory-fitted Automatic (Allison) facilitates effortless stop-start operations.

Both our waste management trucks leave more fuel in the tank after every assignment, and are perfectly suited to easy and fast superstructure installation.

Put simply, UD Trucks are designed to move your operations forward. And with our extensive service offer, we've got you covered. Go the extra mile with UD Trucks.

The waste warriors.

Reliable, adaptable and easy-to-drive. Meet your tough duo for waste management.



NEW **Quester**

Famed for its endurance, New Quester with ESCOT lowers fuel consumption while providing improved driver comfort via our largest ever cab. Optimized tare weight and high performance driveline offer more payload and productivity, make waste management assignments more profitable.

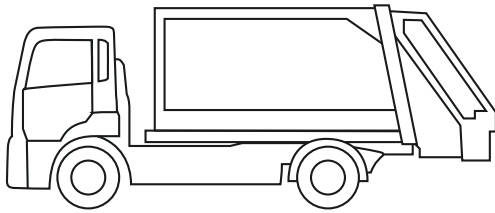


Croner

The Croner is a flexible, efficient complement to New Quester. It features a clean, simple and comfortable cab environment, thus is ideally suited to waste management assignments. Easily serviced and providing maximum uptime, it saves time and fuel on the road.

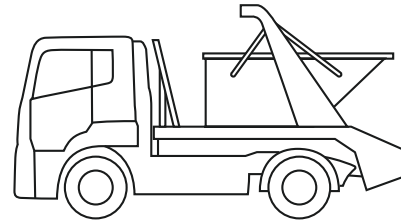
Bodybuilding.

Both New Quester and Croner are designed to make superstructure installation easy. Comprehensive and flexible bodybuilder preparations and power take-offs for specific applications make them ideal to be adapted for the kind of assignments you need to be ready for.



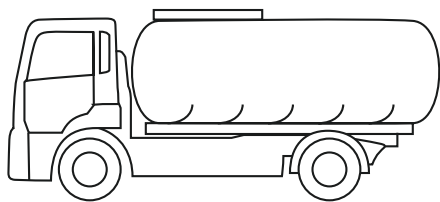
Compactor

Designed for the collection and transport of residential urban waste to city recycling unit.



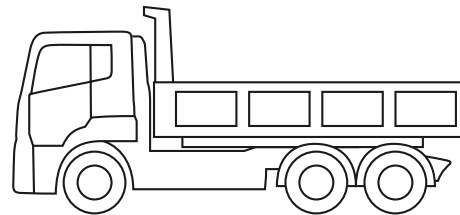
Skip loader

For transport of urban industrial waste to city recycling unit. Also used in estates and semi-rural areas.



Vacuum unit

For the collection and disposal of sewage. In urban industrial and semi-rural use.



Dropside with high side

For the collection of general waste – mainly steel, plastic and paper – from centralised sites.

Your route to easier operations.

Power. Reliability. Operational efficiency. Just three of the assets that New Quester and Croner bring to waste management 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.

Flexible PTO and chassis choices

New Quester features a range of power take-off options for various applications. A heavy-duty chassis provides maximum stability, while a range of chassis options offer you the flexibility you need.

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.

High capacity payload possibilities

In today's tough market, making simple changes to increase payload can lift your business to another level. The Croner has a wide offer GVW available in 12–18 tonnes to maximize your payload, while New Quester comes with an option of hub reduction on tandem axles, making heavy loads easier to handle in tough conditions. Both trucks are manufactured using components that offer higher load capacity and better weight distribution.

Easy superstructure solutions

Both UD trucks for waste management are designed for a variety of superstructure installations. Comprehensive instructions, bodybuilder-friendly designs and specific chassis drawings allow them to be swiftly adapted for all assignments.

Uptime

Guaranteed reliability

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.

The fast route to profitability

UD Telematics Services will help you boost your business by maximizing vehicle uptime and fuel efficiency, while reducing unplanned stops and operational costs. Our services integrate a host of features designed to support you and your assignments, leading to a longer service life and greater profitability.

Tried and tested durability

New Quester features optional hub-reduction of rear axles. This increases durability and service life in tough operating conditions. The availability of Automatic (Allison) is also a huge plus when repeated assignments demand constant stop-starting, which would normally result in wear and tear.

Genuine parts make the difference

UD Trucks' genuine parts maintain high quality throughout a vehicle's life-cycle. Our genuine parts are widely available throughout our markets, meaning access to quality-controlled durable parts with warranty is yours whenever needed.

Bespoke 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 any industry. ESCOT communicates closely with New Quester's GH11E engine to adjust revs and engine brake effect, staying in the optimum gear no matter the speed. When driving in Economy mode, every gear change is timed precisely, to let the engine work at its most efficient rpm range.

Optimized powertrain

The best modern powertrain combinations don't simply deliver improved power and performance. They do it while consuming less fuel. We have a wide choice of rear axle ratios available for different applications. These allow the trucks to operate in the economy band at cruising speed in top gear, while of course delivering top performance.

Factory-fitted for fuel saving

Further good news is that Automatic (Allison) is able to deliver better fuel economy and increased profitability. Featuring Economy Shift mode, Allison shifts at lower speeds to save fuel. Also, New Quester and Croner are the only trucks of their kind with factory-fitted Allison available, meaning it has been extensively tested at source to ensure best performance and value.

Driver efficiency

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.

Allison for waste management

Automatic (Allison) is a perfect solution for waste management's start-stop operations,

with its torque converter. 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.

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 job in hand. Clear driver information is available via a larger information display. There is also the opportunity to use fuel utilisation reports to improve driver performance where it's needed.

Profitable driver training

Driver skills matter. Just a small increase in productivity can have a major impact on bottom-line. Our advanced fuel efficiency courses further improve driver competence and efficiency for long-term benefit. An additional safe driving course focuses on awareness, driving techniques and safety equipment.

New driver seat

Around 80 per cent of truck drivers globally suffer from 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 drivers.

A more comfortable workplace

Waste management assignments can mean many stops and much hopping in and out of the cab. That's why a comfortable working environment is highly desirable and can be vital to success. New Quester features UD Trucks' largest ever cab, while cab air suspension provides a smoother ride. Effective air-con and low interior noise also contribute to a superior in-cab experience.

Safety

Cab impact protection

It goes without saying that all UD trucks are developed to the highest safety standards. Cab impact protection on both Quester and Croner 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 seatbelts with reminder are standard.

Unrivalled visibility

All waste management cabs provide excellent all-round visibility with large glass areas and strategically placed mirrors. Effective and protected headlights are positioned on the bumper of each truck, while there is also the option of fog lamps.

Smooth and safe braking

A reliable auxiliary braking system on New Quester helps to maintain safe speeds and delivers powerful braking without fade. ESCOT brake- max mode allows the transmission to continuously downshift for more effective use of the Extra Engine Brake.

In-built safety for you

A host of in-built safety features increase safety and peace of mind. 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.

Front and rear underrun protection

All variants of Quester and Croner are available with Front Underrun Protection System (FUPS) and rear underrun protection as options. These provide effective protection for other vehicles and road users.



A sustainable partnership.

No matter the assignment, waste management demands 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 your trucks running at peak performance.

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 hand-over and operation, fuel efficiency and safe driving, but also feature dedicated modules for waste management.

UD Genuine Parts

It's reassuring to know that UD Trucks' genuine parts keep vehicles high quality throughout a vehicle's life-cycle. 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.



Service agreements

Three levels of service care are available: UD Trust Standard, UD Trust Extra and UD Trust Ultimate. With these three levels, full transparency, no surprises with unplanned repair expenses and less administration are guaranteed.

“Given the current market situation for our customers, both Quester and Croner are perfectly suited to this environment.”

Maruyama Mikito, Senior Product Manager UD Trucks MEENA talks about what the Quester and Croner bring to waste management assignments.

Can you begin by identifying any current trends within waste management?

Our customers are under major cost pressure to get their contracts renewed for bigger areas with much tighter budgets. This forces them to look at any possible ways of reducing costs without compromising on the uptime and availability of their truck. Waste management is a very demanding and severe application, as some of the trucks operate 24 hours a day 7 days a week. The trucks are used for the cleaning of residential areas and hence cannot stop working.

What do you see being most important to provide for your customers?

We offer the simple features that are needed by our customers without making them pay for features that they do not need. In this way we can say that we excel on the essentials. Longer service intervals are very important to our customers who are looking to maximize their uptime. With strong support from local partners, we offer driver and technician trainings, service contracts and other support.

Which UD trucks are most important and relevant to the waste management sector?

A variety of applications are used in our markets, such as compactors, vacuum and water tankers, bin washers, hook lifts, skip loaders, road sweepers and tipper trucks. Quester and Croner are our top two. Both trucks offer durability, reliability, easy body installation, fuel efficiency and versatility.



*"Both trucks offer durability,
reliability, easy body installation,
fuel efficiency and versatility."*



"It is the complete package and everything we needed for this job."

Clayton Fischer is Senior Transport Controller at SA Metal Group, South Africa's oldest metal recycling company. He talked to us about what qualities he and his company look for in a vehicle, and why the Quester represents an ideal transport solution.

It's early morning at the City of Cape Town's waste processing site. Clayton Fischer, Senior Transport Controller at SA Metal, is talking to a driver and his assistant who are about to drive a Quester on the 25 km journey to a landfill site where they will leave the containers they are transporting and pick up more. The process is akin to a conveyor belt system, with trucks arriving and leaving continuously.

SA Metal currently operate five 8x4 Quester 420 hp on this specific route, and are delighted with the contribution they are making. "For this particular assignment, we needed suitable trucks that could carry a lot of tonnage," says Clayton Fischer. "The Quester was the best option for us. The way the truck is structured – the rear springs, for example – it is the complete package and exactly what we needed for this job."

Each day in Cape Town, 6 000 tonnes of waste is produced. This is between 1.7 and


2 kg of waste per resident. The city is making a proactive effort to reduce pressure on landfill sites. A Green Litter Bin and Education Awareness Project offers all new residents advice on how to manage their waste.

SA Metal are also playing their part in this process. South Africa's oldest metal recycling company founded in 1919, they have since expanded into neighbouring countries and into collecting and processing different kinds of waste. With help from UD Trucks, and the Quester in particular, they are reducing the number of journeys to and from the landfill site.

"At the moment the trucks are running six days at maximum capacity with trailers," according to Clayton Fischer. "With the Quester, they simplified it more and took a few features out. It is a real straightforward workhorse and has just what we need to do the job."

The relationship between UD Trucks and SA Metal began over 25 years ago, and this morning, UD representative Lyndon Smith has dropped by for an update on his client and their Questers. "The 8x4 420 gives SA Metal a very favourable payload capacity as well as reliability," he observes. "The specification is built for this rugged construction-type operation. It has amazing telematics which helps to add huge benefit to bottom line operating costs."

Clayton Fischer sees a positive future for the Questers in SA Metal's fleet. "Even if this contract finishes, we will be able to use the truck to its full capability. It's a comfortable truck, and the drivers are happy," he laughs. "And if the drivers are happy, then I am happy. Yes indeed, the Quester has made my life much easier!"

 **YouTube** Watch the video on UD Trucks' YouTube channel.

Let's talk more.

Want to know more about how UD Trucks can help your waste management 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, for a profitable and sustainable future.

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







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(This brochure is current as of February 2019).

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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