

UD Extra Mile Stories



"UD Trucks truly knows and understand our business."

The UD Extra Mile Stories, is a regular column that shares how UD trucks go the extra mile to support our customers in this challenging transport and logistics industry.

In this issue, we spoke to Mr Robin Loh, Deputy Managing Director of Alligator Logistics Pte Ltd. He shared his thoughts on the industry and managing a company that has transformed from a family business to a group that provides holistically integrated marine cargo handling and logistical needs.

"With our fleet of modern prime-movers, low beds and container trailers, we cater to different needs of the trade. Providing an integrated and holistic approach in shipping and logistical operations, we ensure our customers cost-savings, timeliness of deliveries, and a peace of mind to concentrate on their core business. This is also the trust we have in UD Trucks. We have a peace of mind knowing that our trucks can ensure performance and cost-efficiency.

Our fleet of UD trucks has grown with our business. Today, more than 50% of our fleet of prime movers are UD trucks. UD trucks save us money. Fuel consumption is lower compared to other brand of trucks. UD trucks are also designed for long hours of usage and low

maintenance costs. Uptime for our UD trucks are as high as 90%. This saves not only operational costs for the company but ensures the high productivity of our team. With UD Trucks, we can have a peace of mind to concentrate on what we do best, serving our customers.

We are confident of the safety and high efficiency of these trucks. Even the drivers ask for them!", said Mr Loh.



UD Trucks

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Going the Extra Mile

FEATURE
Sustainability
for the Future

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ESCOT-V
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WHAT'S UP
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Sustainability for the Future



One thing that has certainly changed in the past few decades is the public's attitude towards climate change and global warming. Despite what some might say, the Earth is our irreplaceable home – which is why so many individuals and businesses today have a commitment to sustainability and caring for the environment.

At UD Trucks, we are certainly no different.

In the lifecycle of a truck, the largest percentage of greenhouse emissions comes from CO2 generated during the actual operation of the truck. This is why we are constantly thinking of tomorrow's truck, refining not just our vehicles' exterior features, but also the internal technologies that make our trucks safer, more economical and versatile – all while reducing negative impact on the environment.

In 2004, UD Trucks developed the Final Low Emission Diesel System (FLENDs), which combines ultra-high-pressure fuel injection with selective catalytic reduction (SCR) technology. FLENDs can reduce both particulate matter and NOx emissions while lowering fuel consumption, and therefore reducing CO2 emissions – a major leap ahead in environmental technology.

That said, other stages of the lifecycle are important too. Holistic approach towards sustainability, to disposal is everything from product development managed by an integrated Environment Management System (EMS).

At our factories, energy savings and reduction of CO2 emissions have been achieved through the application of high-energy efficiency and new systems. We are also actively reducing waste materials.

Today, we are a zero-emissions company, with a recycling rate of more than 99%.

In addition, the company's responsible-sourcing program aims to manage risk while promoting responsible behavior and building long-term relationships with suppliers to improve social, environmental and business ethics in the supply chain.

We do what we can to leave the next generation with a planet they can truly enjoy, and we hope you will join us in this cause too. Together, our efforts will make a big difference.

Mr Olivier Metzger
General Manager,
UD Trucks Singapore.

ESCOT-V for Better Fuel Savings

Let's take a closer look again at ESCOT-V which has revolutionised the trucking industry.



Automatic Gear Changing System

The secret of the seamless gear switch lies in the intelligent electronic control unit, which is in charge of controlling the pneumatic system that handles the clutch and shifts.

By constantly receiving information on vehicle speed, acceleration, weight, road grade, torque demand and more, it can carry out every gearshift with extreme precision – the software shifting skills outperform even the best of human drivers.

With the optimum gear chosen every time, drivers no longer need to worry about the clutch, which allows them to concentrate on just the accelerator and brake. Of course, drivers still have the option of choosing to manually control the gears.

Designed for Maximum Fuel Efficiency

'ESCOT-V' also comes with an Economy ED mode that optimises fuel consumption. When driving in auto cruise, shift timing and acceleration in hill climbing are optimized for fuel-efficient driving.

The truck also features an Acceleration Limiter, which automatically softens acceleration up to a certain level to improve fuel efficiency.

Lastly, when driving downhill and coasting in auto cruise/Economy ED mode, the ESCOT Roll automatically disengages the engine to make use of the truck's momentum instead of burning fuel.

Reliability

'ESCOT-V' has been built to last and minimise downtime. All the shafts, bearings and gears are sturdily dimensioned for high operating reliability and long service life.

All the gears are made of special steel that has been case hardened to provide considerable strength. The gears in the base unit are helical; so more teeth are in mesh with each other at any one time.

Reliable, fuel-efficient and comfortable: this combination of qualities makes the 'ESCOT-V' an indispensable option for any business looking to optimise their truck operations.

