

◆ HD EURO



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PROVEN
on New Zealand roads
CELEBRATING 40 YEARS OF FUSO

Mitsubishi FUSO New Zealand

HD EURO



INTRODUCTION

When it comes to versatile, heavy-duty trucks, Mitsubishi FUSO certainly knows how to make them. That's why we've been one of New Zealand's most popular choices for over 40 years.

New Zealand trucking and transport are changing and your business will have to change with them. The heat is really coming on, in all sorts of areas. Increasing competition and rising fuel costs demand more productivity and efficiency.

Government and regulators are demanding higher levels of safety and lower emissions. You and your drivers want more comfort, less stress and lower running costs.

That's why at Mitsubishi Fuso, our aim is to provide customers with the most efficient tools to ensure the sustainability of their business and the conservation of our environment for future generations. Mitsubishi Fuso has a proven reputation for reliability and innovation and is backed by the support of the country's leading dealer network.

GOING THE EXTRA MILE

To guarantee maximum satisfaction over a long useful life, the new Mitsubishi Fuso excellence initiative fully complies with the international standards of Daimler, the world's biggest truck manufacturer. The new system uses clearly defined quality gates to ensure that even the minutest detail undergoes a stringent process of evaluation and re-evaluation.





THE PROVEN FACE OF HEAVY DUTY TRUCKS

EFFICIENCY

Meet the HD Euro. Based on a stringent development and design process compliant with the international standards of Daimler, the world's No. 1 truck manufacturer, Mitsubishi Fuso have delivered a winning combination. It delivers up to 3% greater efficiency than its predecessor the 6M70.

- ◆ Economic performance
- ◆ Perfect gear changes for lower fuel use
- ◆ Ultimate quality and service life

PERFORMANCE

The HD Euro series boasts a powerful inline Daimler 6-cylinder, 12L engine with the raw power, torque and endurance to really put your business in the fast lane: High payloads, less gear shifting, greater fuel economy, ultimate dependability, extended engine life and compliance with EURO V emission standards. The new OM457 engines are available with either the 410 or 470ps ratings with 2031 and 2227Nm.

- ◆ Daimler powerplants: maximum power 470ps or 410ps @ 1900 rpm and maximum torque 2227Nm or 2031Nm at 1100 rpm
- ◆ 7% more power and 25% more torque than 6M70 engine for reduced gear shifting and great pulling power
- ◆ Waste-gate Turbo Compliance with EURO V emission standards thanks to EGR and SCR Cruise control

LESS SERVICING

Fuso have raised the bar when it comes to servicing intervals. It now does a whacking 30,000 miles between services. This means it will spend less time in the workshop, and more time out on the road making you money.

DESIGN AND COMFORT

Inside and out, the HD Euro reflects the modern design spirit at Mitsubishi Fuso. Based on the real-life requirements of our customers, we have given this heavy-duty truck a unique, self-assured styling with fuel-saving aerodynamics. In the quality and feel of the finish, the interior shows our developers' meticulous attention to detail, giving you a superior level of comfort.

- ◆ Bold exterior design
- ◆ Ergonomic and comfortable
- ◆ Quiet, roomy and wrap around interior
- ◆ Use of environment-friendly materials
- ◆ Keyless entry system
- ◆ New high roof (models: FV470JI & FS470S2)

SAFETY

The HD Euro gives you the assurance of being in perfect control of the road. Superior design features such as the highly rigid cab design and comprehensive safety features will give you total peace of mind.

- ◆ Excellent visibility with improved transom windows and rear quarter windows
- ◆ Taper roller auto adjusting full air brakes
- ◆ Anti-lock brake system (ABS)
- ◆ ASR traction control
- ◆ Driver's air bag
- ◆ Air suspended rigid cab structure with door side beam
- ◆ Impact-absorbing safety steering wheel
- ◆ Large heated side mirrors
- ◆ Wrap around cabin
- ◆ Cab complies to European safety standards

SHIFTING UP A GEAR WITH AMT

We've made the HD Euro even better equipped to handle city streets as well as windy country roads by introducing the INOMAT-II AMT. Which adds proven performance, reliability and usability. This system delivers all the advantages of a true automatic gearbox without any of its weaknesses and all the cost savings of a manual transmission. Coupled with the new 12L turbo diesel engine, the new 12 speed, 2-pedal AMT provides an extremely responsive and enjoyable drive.

- ◆ Logical controls
- ◆ Quick shifting for minimal power loss
- ◆ Easier to drive, less driver training required
- ◆ Perfect gear changes reduce driveline wear
- ◆ Great low speed manoeuvring
- ◆ Low RPM at high speed cruising
- ◆ Improved fuel economy



TRANSMISSION & ENGINE

SMOOTH RUNNING BUSINESS TRANSPORT

Mitsubishi Fuso has got things running like clockwork by introducing the OM457 high torque engine with 12-speed, 2 pedal AMT sourced from Daimler. This European driveline combination delivers superior levels of performance, driver comfort, fuel efficiency and environmental friendliness.

The 12 Speed INOMAT-II helps maximise efficiency in the drivetrain for comfortable, fuel-efficient performance. Coupled with the high-torque engine, it can ultimately provide more fuel-efficient engine revolutions while maintaining powerful performance. Reducing the fluctuations in engine revolutions during gearshifts leads to smooth performance with minimal power loss.

OM457 EURO V ENGINE

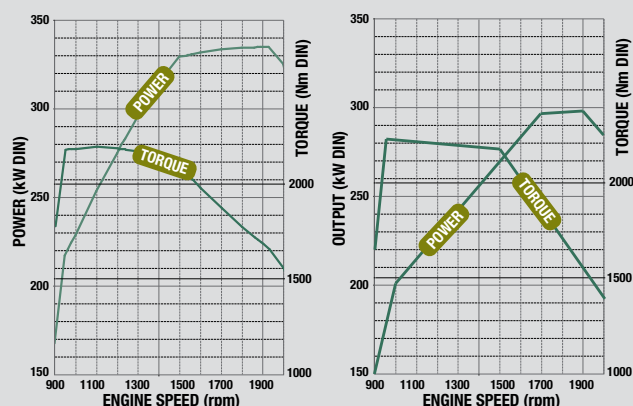
The Fuso's OM457 12 litre engine means you don't have to sacrifice any power for efficiency. It has excellent power to weight ratio, high torque at low engine speeds and outstanding economy. The 6-cylinder, compact power pack, OM457 is ideal for heavy distribution work as well as long-distance haulage with a maximum gross vehicle mass of 60 ton on some models. The engine has already acquired a good reputation for its favorable fuel-consumption profile and ample power delivery.

Configuration:	Inline - 6 Cylinder
Type:	OHV, 4 Valve, Waste Gate Turbo with Intercooler
Displacement:	11967cc
Bore x Stroke:	128mm x 155mm
Power (DIN nett):	335 kw @ 1900 rpm (JIS Gross: 470 ps)*
Torque (DIN nett):	2200 Nm @ 1100 rpm (JIS Gross: 1644 lb/ft)*
Maximum Engine Speed:	2200 rpm
Compression Ratio:	18.5:1t
Park Brake:	Spring on both rear axles
Engine Brake:	4 stage Powertard with Exhaust Brake and Shift Down

*Calculated



OM457 ENGINE PERFORMANCE



ECONOMY

INOMAT-II (2-pedal type), which offers automatic manual transmission shifting for driving comfort and ideal fuel economy. By adopting a multi-stage (12-speed) transmission, INOMAT-II balances high-powered performance with excellent gas mileage.

INOMAT-II will automatically select the optimal gear position according to driving and load conditions for enhanced comfort and economical performance. It also has a driver selectable Shift-Down Brake that will automatically shift down gears to increase engine brake retardation

POWER

No hill is too steep for the OM457. It has 25% more torque than the 6M70 engine and with a flat torque curve these engines deliver 95% of their maximum torque from as low as 950rpm right up to 1500rpm allowing it to make easy work of those long hill climbs.

EMISSIONS & TECHNOLOGY

BLUETEC® TECHNOLOGY MAKES THINGS GREENER

The world needs vehicles to be increasingly environmentally responsible so the Fuso is packed full of technology to help it surpass the most stringent regulations. BlueTec® is a comprehensive emission reduction system designed to sharply cut PM and NOx emissions without reducing performance or fuel efficiency. BlueTec® is more than just a filter; it actively reduces PM production by promoting more complete fuel combustion in the engine. Then it uses catalytic reactions to break down NOx into harmless water and nitrogen. Lightweight and convenient, BlueTec® brings emissions down, helping the 0M457 engine meet Euro V emissions regulations.



ADBLUE®

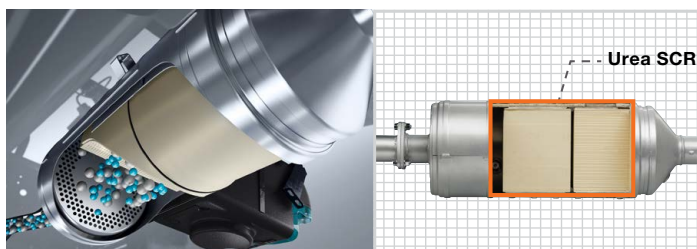
Greener technology has been incorporated into the truck's engine wherever possible. AdBlue® is a 32.5% solution of high-purity urea, used in Euro 4 and 5 vehicles' additional tanks. That works to reduce emissions of oxides of nitrogen (NOx) from the exhaust of diesel vehicles, by SCR technology (selective catalytic reduction); about 85% of these emissions are converted by catalytic reaction into benign nitrogen gas and water, not dangerous for nature.

The remaining level of AdBlue® required for BlueTec® can be confirmed with the urea level indicator. It is located below the tachometer for easy recognition. Safe and economical, AdBlue® is available at all Mitsubishi Fuso dealerships and service providers.



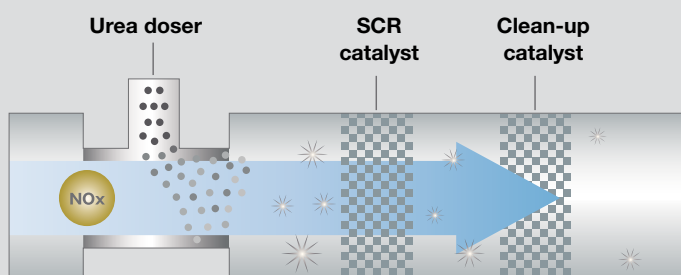
UREA SELECTIVE CATALYTIC REDUCTION (SCR)

After the exhaust gas leaves the DPF, it enters the SCR. AdBlue® urea solution is added to catalyse harmful NOx emissions, converting them to nitrogen and water. An additional catalyst inside the SCR unit removes additional emission products, allowing HD Euro to meet even the strictest global emission standards.



How the Urea SCR Works

AdBlue® urea solution is injected into the exhaust flow, where the heat of the exhaust converts it to ammonia. Inside the SCR catalyst, the ammonia reacts with NOx to create water and nitrogen. A final oxidation catalyst also converts any remaining ammonia to water and nitrogen, leaving only harmless emission products behind.



HD EURO

FEATURES

NEW CABIN INTERIOR

The HD Euro interior gives the driver ample support. Incorporating a sleek rounded instrumentation panel, the highest priority has been placed on operational efficiency.



NEW ILLUMINATED DASH DISPLAY

The meter clusters unobtrusive design prioritizes readability. It's glare-free panels and well thought-out positioning significantly enhance overall presentation.

The new Multi Display Center Panel shows the following functions:

- Fuel Consumption
- Gear Position Indicator
- AdBlue Level Indicator
- Hour Meter



ERGONOMICALLY DESIGNED DRIVERS SEAT

The Isringhausen drivers seat features air suspended reclining and lumbar support.

The ergonomically designed seating and optimized cushioning ensure comfort on long trips.



LIFT FRONT TYPE PANEL & ALLOY WHEELS

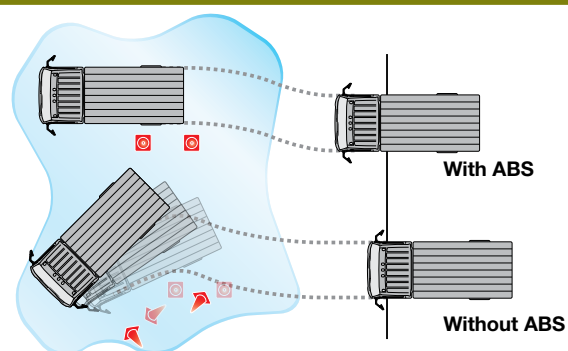
Inside the front panel, you can find all the tank-held fluids for everyday check-ups at your fingertips. The tanks themselves are made of semitransparent resin, making servicing all that much easier. Some models come standard with alloy wheels.

*Overseas model shown



ABS & HILL START ASSIST

In emergency situations, the Antilock Braking System (ABS) enables quick stops and allows drivers to manoeuvre around obstacles safely as they slow down. Hill start assist system prevents roll, when trying to pull away on a gradient to hold the truck stationary momentarily while the accelerator is depressed.



HALOGEN HEADLIGHTS WITH FOG LIGHTS & DRIVERS ALL ROUND MIRROR

Halogen headlights and fog lights for added safety in all varying lighting conditions.

The new heated door mirrors are positioned for optimum viewing, enhancing the fields of vision and increasing safety.



DRIVER AIRBAG

The driver's side front SRS airbag will deploy in the event of a forward collision to help protect the driver from injury. In addition, 3-point Electronic Locking and Retracting (ELR) seatbelts with pre-tensioners further reduce the chance of injury by tightening during emergency braking to reduce movement.



SHOCK ABSORBING STEERING WHEEL

In the event of a significant collision, the steering wheel collapses to minimize injury to the driver's upper torso. This is bolstered by the implementation of a shock-absorbing design in the spoke housing as well.



POWER STEERING

The FP/FV's power steering reduces driver fatigue and improves tight cornering control.

PRODUCT SPECIFICATIONS

When we engineer a truck, we are only driven by one thing: Our customers. Which is why your Mitsubishi Fuso HD Euro truck can be just as individual as you and your transport requirements are. Just choose from a range of wheelbases and other options to create a configuration that fits your operation like a glove.

Visit www.fuso.co.nz for details

HD EURO MODEL RANGE SPECIFICATIONS

MODEL	CONFIGURATION	GVM	GCW	KERB WEIGHT	W/BASE	CODE
FP410G1	4X2	16000KG	40000KG	6180KG	3800	FPS4SGR3VFAA
FP470J1	6X4	24000KG	60000KG	7860KG	3860	FV54SJR5VFAB
FV470K1	6X4	25400KG	53000KG	7850KG	4300	FV51SK5VFAA
FS470S1	8X4	30800KG	53000KG	8920KG	5870	FS52SS5VFAA
FS470S2	8X4	30800KG	53000KG	8800KG	5870	FS52SS5VFAB
FS470S2	Air Susp. 8X4	30800KG	53000KG	8680KG	5900	FS52SS5VFAB



FEATURES

HD EURO MODEL RANGE FEATURES

	FP410G1	FV470J1	FV470K1	FS470S1	FS470S2
High roof cabin		•			•
Wide centre console with 2 seats	•	•		•	•
ISRI driver's seat air suspended, reclining, lumbar support	•	•	•	•	•
Driver's air bag with seat belt pretensioner	•	•	•	•	•
Cruise control	•	•	•	•	•
AM/FM radio, CD and speakers	•	•	•	•	•
Auto air conditioning with heater/demister	•	•	•	•	•
Shock absorbing steering wheel with tilt and telescopic adjust	•	•	•	•	•
Power windows	•	•	•	•	•
Central locking	•	•	•	•	•
Overhead console box number	4	4	4	4	4
Room lamp and fluorescent lamp	•	•	•	•	•
Opening rear quarter window	•	•	•	•	•
Carpet		•		•	•
Left hand side transom window		•	•	•	•
90° opening doors	•	•	•	•	•
Side intrusion bars	•	•	•	•	•
Heated mirrors	•	•	•	•	•
Halogen fog lamps	•	•	•	•	•
ABS/ASR anti lock brakes and Traction Control	•	•	•	•	•

FOR MORE INFORMATION

Mitsubishi FUSO offers a full range of trucks, including the light-duty range of Canters, the medium-duty range of Fighters and the heavy-duty range of HD EUROS.

For information on the truck that's right for you, talk to your nearest
Mitsubishi FUSO truck dealer.

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