
A. musumpistu

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Fмтто145-02 (06/2021)
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Internal Combustion Pneumatic Tyre 1.5-3.5 ton

## Mitsubishi



## MEETS THE ENVIRONWEMAL REQUREMENTS OF TODAY AND TOMORPOW <br> GRENDTAS GBO-POWFR <br> 

NEW 2007 EMISSION STANDARDS COMPLIANT*: NEW ELECTRONICALLY CONTROLLED GASOLINE ENGINE
Mitsubishi Grendia's advanced gasoline engine, which helped pioneer the standard use of electronically controlled fuel injection and three-way catalytic converters in forklift trucks, has evolved even further. The new Grendia has achieved remarkable environmental controls and complies with all 2007 Emission Standards while still maintaining high performance and reliability levels.


## TWO-LEVEL HIGH/LOW SPEED LIMITER

The Grendia's automatic speed limiter can be set to two levels - outdoors (HIGH) and indoors (LOW). Drivers can alternate between the two speed limits at the flick of a switch, helping them to choose the most appropriate fuel efficiency for the location.

* Standard for Electronically Controlled Gasoline Engine Trucks


## POWER/SOFT MODE SWITCH

Depending on the task, two power levels can be selected: POWER mode, which maximizes power output and SOFT mode for fuel efficiency and low noise levels. Selecting SOFT mode cuts $\mathrm{CO}_{2}$ emissions by approximately $13 \%$ compared to the POWER mode.
*Standard for Electronically Controlled Gasoline Engine Trucks

## 2007 EMISSION STANDARDS COMPLIANT*: HIGH RELIABILITY DIESEL ENGINE

The well-known performance levels of the highly acclaimed Mitsubishi Diesel Engine have been maintained but now come with eco-friendly refinements. The upgraded engines have now achieved low emission levels in compliance with the 2007 Emission Standards without compromising horsepower or reliability.


LOW-NOISE DESIGN FOR MAXIMUM COMFORT WITH MINIMAL OPERATOR FATIGUE
With features such as low-noise engine, enhanced soundproofing of the engine compartment and floor level noise dampening, Mitsubishi Forklift Trucks has achieved a quiet working environment both for the operator and the surrounding working environment.

* ISO-equivalent noise level (When diesel engine is in SOFT mode at high idle speed)


## STEERING SYNCHRONIZER

With full hydrostatic steering, steering is easy but hard to keep the truck straight without continuously adjusting the steering wheel. Such operation is difficult when truck has to work in confined space like containers. With steering synchronizer, the system actively checks and eliminates the misalignments to keep the truck straight without constantly adjusting the steering wheel.



## EXCHEENI

 Mitsubishi Grendias are constructed witha low center of gravity frame that optimised
vehicle balance and stability during lifting.
That means a greater load capacity with
migh greater stability. The high-torque,
lift speed regardless of the load, helping
operators to increase productivity.


EXCELLENT LIFTING ABILITY
Lift speed: $640 \mathrm{~mm} / \mathrm{s}$ (when loaded)
$660 \mathrm{~mm} / \mathrm{s}$ (when not loaded) • FGE25ZN
No capacity deration up to a height of 4 meters (2-stage mast)

## SOFT LANDINGS

Another exclusive feature found on the Mitsubishi Grendias is soft landing system that activates when the fork nears the ground, landing system that activates when the fork nears the grou * only for two-stage masts

## SMOOTH RUNNING

The high power engine and the high performance transmission are perfectly matched to produce an extremely smooth start/acceleration as well as excellent traction even on uphill slopes. Excellent braking and stopping control is provided by a robust and reliable due-servo system.
SMOOTH ACCELERATION
10 m acceleration 3.1 second
10 m acceleration
(unloaded) $-F D 25 \mathrm{~N}$


## EXCELLENT STEERING ABILITY

GRENDIAS ARE EASY TO MANEUVER EVEN IN CRAMPED WAREHOUSES AND DELIVERY BAYS


Right angle stacking aisle width $3650 \mathrm{~mm} \cdot \mathrm{FD} 15 \mathrm{~N}$


Suspension seat with hip support mechanism. Ability to adjust position and extent of reclining according warning light. Soft-grip handle makes getting in and out easie.


Electric shift lever can be moved back and forth at the touch of a finger. flor torque-converter and tort
modes only


Acrylic roof for comfortable operation in


Tiltable steering column


Fully hydraulic power steering
The full hydraulic steering allows for effortless steering
even if truck is in a stationary position.
s. Easily installed and uninstalled.


Inching pedal


Switches tor optional tunctions positioned on the $^{\text {th }}$ right side of the dashboard


Combination switch integrating indicators and headight switches.


Power-train full floating structure for excellent vibration reduction. The entire power-train is supported by vibration absorbent rubber mounts.


