



## Diesel Powered Forklifts

Tier 4 Final (USA) Diesel  
2,000 – 3,500 kgs. Capacities



# FOZE Series Applications

Designed and built for operations that demand greater economy, efficiency and value ...and applications that require maximum power, torque and productivity.

- Lumberyards
- Warehouses
- Brickyards
- Factories
- Steelyards
- Recycling







# NEVER QUIT.

**It defines our forklifts and the company that builds them**

Over the course of a century, the company known as Unicarriers' took shape. As we grew and evolved into a Japanese manufacturer with a global reach in nearly 100 countries worldwide, much has changed, but one thing hasn't : our mission. UniCarriers is committed to providing you with the ultimate in reliability, performance, and value.

That commitment can be seen in our FOZE Series Forklifts, powered by our ultra-efficient, ultra-reliable ZD30 Tier 4 Advanced Turbo Diesel (ATD) industrial engine. This workhorse combines higher torque and horsepower with lower emissions and fuel consumption. The FOZE Series comes standard with some of the most advanced performance, security and operator comfort features available anywhere. Plus, it's all backed by the best standard, limited warranty in the business.



## Power & Performance

At the heart of the FOZE Series is the GCT ZD30 4-cylinder 3.0L Advanced Turbo Diesel Engine. This turbocharged, 16-valve, double overhead camshaft industrial engine pours out power and torque...has emission levels below Tier 4 standards...10% greater fuel efficiency...and the superior performance and reliability you expect from Unicarriers.





## The Quick Glow System

Dramatically improves cold weather starting and reliability to reduce down time.



## Higher Power With Lower Emissions

The turbocharger, diesel oxidation catalyst and cooled exhaust gas recirculation system all work to reduce emission levels significantly below USA Tier 4 standards. This system nearly eliminates particulate matter, reduces fuel consumption and improves power.

## Common Rail Fuel Injection System

Features an Engine Control Module (ECM), Vehicle Control Module (VCM) and multifunction LCD Display to optimize power, efficiency and fuel economy.

## Single-Speed Powershift Transmission

Combined with a full floating powertrain, it accelerates smoothly and minimises vibration.

# Efficiency, Economy & Control

From advanced productivity and operator protection to ergonomic design and operator comfort, the FOZE Series delivers an extraordinary combination of reliability, economy and value.

## Economy Mode Button

Save money with economy mode that cuts fuel consumption by 10%.



## Single Handle Control Lever

Combines both lift and tilt functions for fast, smooth and fluid operation. Separate control handles are available.



## Optional Auto-Tilt Leveling System

Assists the operator during mast & fork positioning.



## Full-Suspension Seat

Absorbs shock and features adjustable lumbar support, operator restraint armrests and a non-cinching seatbelt.



## 3-Piece Overhead Guard

Designed to cut the cost of replacement — in labour, parts and downtime — compared to single-piece weld-on guards.





## Adjustable Steering Column

Provides adjustable tilt and telescoping for precise positioning to maximise comfort and control for any driver.

## The Ultimate In Control

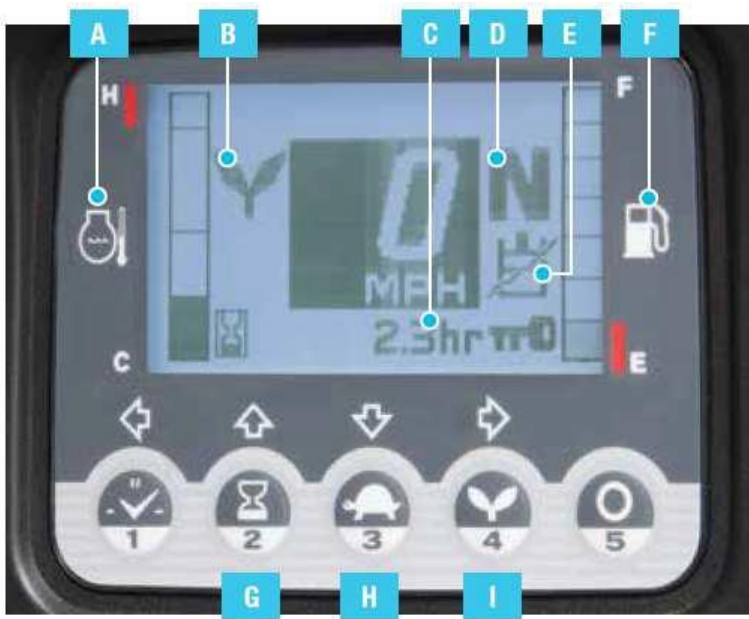
The interactive LCD meter panel provides the information you need to control the performance of your machine and your entire operation. The panel can be programmed to control:

- Max. Travel Speed
- Controlled Acceleration Modes (Power/Economy)
- On Board Diagnostics; no separate device needed to adjust or troubleshoot truck



## Our Comprehensive Operator Presence System

1. A seat-actuated power interrupt with mast-lock automatically prevents lift and tilt operations if the operator leaves the seat.
2. A return to neutral feature minimises forklift movement if the operator leaves the truck.
3. Audible and visual warnings alert the driver if the seatbelt is not engaged or the parking brake has not been applied when leaving the compartment.



The meter and warning indicator panels provide vital and operational data that include:

- |  |                              |
|--|------------------------------|
| <b>A</b> Engine coolant temperature      | <b>E</b> LCD warning symbol  |
| <b>B</b> Economy mode                    | <b>F</b> Fuel indicator      |
| <b>C</b> Hour meter                      | <b>G</b> Hour meter settings |
| <b>D</b> Transmission position indicator | <b>H</b> Hi/Low speed option |



- |                                    |
|------------------------------------|
| <b>I</b> Power economy settings    |
| <b>J</b> Seatbelt warning          |
| <b>K</b> Charge warning            |
| <b>L</b> Check engine warning      |
| <b>M</b> Multipurpose warning      |
| <b>N</b> Parking brake warning     |
| <b>O</b> Low oil pressure          |
| <b>P</b> Glow plug indicator light |



# Make it Yours

Every business has its own way of operating and its own special needs — which is why you can customise your FOZE Series to maximise the efficiency and productivity of your operation. On these pages, you'll find a selection of the most popular options we offer (but not all we offer — so call your Unicarriers' dealer if you don't see exactly what you're looking for).

- **Vertical Exhaust**
- **Air-Intake Pre-Cleaner**
- **Strobe & Work Lights**
- **Special Protection Packages**
  - **Anti-Dust**
  - **Low Noise**
  - **Corrosion-Resistance**
- **Solid or Dual Drive Pneumatic Tires**







## Optional High/Low Speed Switch

Toggle from the high-speed pre-set in wide-open areas — then select the slow speed for tight environments.



## Rear LED Combination Lights

This high-visibility, vibration-resistant light package includes reflectors, turn signals, brake & reverse lights.



## Tilt Cylinder Protection

Choose boots and/or covers.



## Swivel Seat

Rotates 15 degrees in either direction.



## Overhead Guard Rain Cover

Protects operator from rain & debris.



## Rearview Mirrors

Improves workplace awareness.

# Option Availability

Standard

Optional

Diesel

## VEHICLE MANAGEMENT

Vehicle Control Module (VCM)	<input type="radio"/>
Operator PIN access	<input checked="" type="radio"/>
Interactive LCD meter	<input checked="" type="radio"/>
On-board diagnostics and service reminder	<input checked="" type="radio"/>
Engine coolant temperature gauge	<input checked="" type="radio"/>
Oil pressure, transmission fluid and low coolant warning lights	<input checked="" type="radio"/>
Fuel gauge - Diesel	<input checked="" type="radio"/>

## POWERTRAIN

Electronic Engine/Control System	<input checked="" type="radio"/>
Engine/transmission protection and warning system	<input type="radio"/>
Floating powertrain for reduced vibration (pneumatic)	<input checked="" type="radio"/>
Diesel oxidation catalyst	<input checked="" type="radio"/>
Cushioned stability control	<input checked="" type="radio"/>
Travel speed control (high/low speed selector)	<input type="radio"/>
Controlled acceleration (power/economy selector)	<input checked="" type="radio"/>
Radiator screen	<input type="radio"/>
Diffusion exhaust muffler	<input type="radio"/>

## BRAKE

Parking brake with warning buzzer	<input checked="" type="radio"/>
Parking brake transmission interlock	<input checked="" type="radio"/>

## MAST

Seat actuated auto-mast lock system	<input checked="" type="radio"/>
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## HYDRAULIC SYSTEM

Single lift/tilt control lever	<input type="radio"/>
Separate lift/tilt control lever	<input checked="" type="radio"/>
Automatic fork levelling (Tilt)	<input type="radio"/>

## OPERATOR OPTIONS

Full suspension seat with weight and lumbar adjustment	<input checked="" type="radio"/>
Overhead guard-mounted LED headlights	<input checked="" type="radio"/>
Rearview mirrors	<input checked="" type="radio"/>
Rear LED combination package (Turn, Tail, Stop, Reverse)	<input checked="" type="radio"/>
Rear LED worklight	<input type="radio"/>

## PROTECTION / SECURITY

Operator presence system with return-to-neutral and auto mast lock	<input checked="" type="radio"/>
Back-up warning alarm	<input checked="" type="radio"/>
Fire Extinguisher	<input type="radio"/>



# Specifications

## PNEUMATIC TYRE : 2000 - 3500 KG MODELS

MODEL CODE	FHD20T5V	FHD25T5V	FHD30T5V	FHD35T5V
Engine Models Available	GCT ZD30	GCT ZD30	GCT ZD30	GCT ZD30
Load Capacity - kg	1800	2250	2700	3150
Wheelbase - mm	1650	1650	1700	1700
Overall Width (Single/Dual Tyres) mm	1150/1640	1150/1640	1250/1665	1280/1775
Overall Length - mm	2610	2675	2785	2865
Overall Height (OHG) - mm	2135	2135	2160	2160
Turning Radius (outside) - mm	2305	2360	2455	2520

## ENGINES

ENGINE MODELS	GCT ZD30
Displacement - cm <sup>3</sup>	2953
Rated Output - kW @ rpm	47 @ 2400
Rated Torque - Nm @ rpm	214 @ 1900

# RELIABILITY.

It's the defining trait of our company and our forklifts.



Unicarriers' roots extend back over 100 years, and over that time, strong, reliable performance has always been the hallmark of our organisation, our people and our equipment.

Today, our unrivalled reliability continues to provide Unicarrier customers with a competitive edge. And together, we move the merchandise that moves world commerce with greater efficiency, economy and reliability.

When it comes to providing forklifts that make a difference for our customers and theirs...



**WE NEVER QUIT.**

**UNI CARRIERS**



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