

FL250 HEAVY-DUTY INDUSTRIAL FORKLIFT



Lifting Capacity: 25,000 kg / 55,115 lb Maximum Lift Height: 6 m / 19.7 ft Engine Power: 190 kW / 255 hp

The FL250 is equipped with a high-performance engine that meets the latest emission standards, designed for optimal performance and efficiency in demanding industrial and port operations.

BUILT FOR POWER AND VERSATILITY

The FL250 is engineered for heavy-duty material handling in large-scale industrial, port, and logistics operations, offering exceptional lifting capacity, stability, and operational efficiency. It's designed to move heavy loads safely and efficiently in challenging environments.

KEY FEATURES

- 10% INCREASE IN LIFTING CAPACITY compared to previous model
- UP TO 12% IMPROVEMENT IN FUEL EFFICIENCY with advanced powertrain management system
- ENHANCED STABILITY SYSTEM for safer operation with heavy loads
- UP TO 15% LOWER MAINTENANCE AND REPAIR COSTS
 - Extended service intervals
 - Improved accessibility for maintenance
 - Advanced onboard diagnostics
 - Modular design for easier component replacement
 - Continuous health monitoring system
 - Over-the-air software updates

THE RIGHT FORKLIFT FOR YOUR OPERATION

Introduced in 2024, the FL250 Heavy-Duty Industrial Forklift is designed for the most demanding applications in heavy industry, port operations, and large-scale logistics centers. Its robust construction and advanced systems allow it to excel in various conditions, from extreme temperatures to corrosive environments.

A PROVEN DESIGN PHILOSOPHY

The FL250 follows a proven philosophy focusing on five main areas:

1. Maximize lifting capacity and stability
2. Ensure reliability and durability in harsh conditions
3. Incorporate advanced technology for improved performance and safety
4. Optimize maintenance procedures for increased uptime
5. Enhance operator comfort and productivity

HIGH EFFICIENCY. OPTIMIZED FUEL CONSUMPTION.

The FL250 features an advanced powertrain management system that optimizes power output and fuel consumption based on load and operating conditions. This results in up to 12% improvement in fuel efficiency compared to previous models, without compromising on performance.

PRODUCTIVE MATERIAL HANDLING BEGINS WITH A PRODUCTIVE OPERATOR

The FL250's cab is designed for comfort, safety, and productivity:

- Spacious ROPS/FOPS certified cab with excellent visibility
- Ergonomically designed controls with adjustable steering column
- Advanced climate control system
- Air-suspension seat with integrated controls
- Reduced noise and vibration levels for decreased operator fatigue

CUTTING-EDGE TECHNOLOGY

The FL250 is equipped with the latest technologies:

- Load Sensing System: Automatically adjusts hydraulic performance based on load weight
- Advanced Stability Control: Monitors load center and mast position to ensure safe operation
- Integrated Weighing System: Provides real-time load weight information
- Fleet Management System: Comprehensive telematics for productivity and maintenance tracking
- 360-Degree Camera System: Enhances visibility and operational safety

MINIMIZE DOWNTIME. MAXIMIZE PROFITABILITY.

The FL250 is designed for easy maintenance and serviceability:

- Ground-level access to most service points
- Tilttable cab for easy access to powertrain components
- Advanced onboard diagnostics system
- Centralized lubrication systems
- Extended service intervals for key components

ATTACHMENT OPTIONS

The FL250 can be equipped with various attachments to suit different applications:

- Standard Forks (various lengths available)
- Hydraulic Fork Positioner
- Side Shift
- Rotating Forks
- Coil Ram
- Container Spreader
- Drum Clamp

TECHNICAL SPECIFICATIONS

ENGINE

- Net Power (SAE J1349): 190 kW (255 hp)
- Number of Cylinders: 6
- Displacement: 7.2 L (439 in³)

PERFORMANCE

- Lifting Capacity (at 600 mm load center): 25,000 kg (55,115 lb)
- Maximum Lift Height: 6 m (19.7 ft)
- Travel Speed (Loaded/Unloaded): 23 km/h / 25 km/h (14.3 mph / 15.5 mph)
- Gradeability (Loaded): 32%

DIMENSIONS

- Overall Length (to Fork Face): 5,800 mm (228.3 in)
- Overall Width: 2,980 mm (117.3 in)
- Overall Height (Mast Lowered): 3,200 mm (126 in)
- Wheelbase: 3,750 mm (147.6 in)
- Ground Clearance: 300 mm (11.8 in)
- Turning Radius (Outside): 5,250 mm (206.7 in)

MAST

- Maximum Fork Spread: 2,700 mm (106.3 in)
- Tilt Angle (Forward/Backward): 5° / 10°

- Lowering Speed (Loaded/Unloaded): 0.45 m/s / 0.45 m/s (88.6 ft/min / 88.6 ft/min)

HYDRAULIC SYSTEM

- System Pressure: 210 bar (3,046 psi)
- Hydraulic Flow Rate: 280 L/min (74 gal/min)

WEIGHTS

- Service Weight (Without Load): 36,500 kg (80,468 lb)
- Axle Loading (Loaded, Front/Rear): 55,900 kg / 5,600 kg (123,237 lb / 12,346 lb)

TIRES

- Tire Size (Front/Rear): 14.00-24 / 14.00-24
- Number of Wheels (Front/Rear): 4 / 2

SERVICE REFILL CAPACITIES

- Fuel Tank: 400 L (105.7 gal)
- Hydraulic Tank: 300 L (79.3 gal)
- Engine Oil: 25 L (6.6 gal)

For more complete information on our products, dealer services, and industry solutions, visit our [website](#).

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