

DIESEL FORKLIFT FX3 3500KG, 300CM



- **FX3 Diesel Forklift: Powerful and efficient** industrial material-handling solution
- Rated Capacity: **3500 kg for heavy lifting** requirements
- **Max Lifting Height: Up to 3000 mm** for efficient stacking operations
- Powered by a **diesel engine** with a **40 kW (53.6 horsepower)** engine and a **displacement of 2650 cc (2.65 liters)**
- **Fork can tilt forwards to backward**
- **Automatic fork width adjustments** - With just a simple command, the forks widen or narrow automatically, adapting to different pallet sizes or load requirements
- Max. travel speed: **20 km/h**
- Compact Dimensions: Overall length 3900 mm, width 1240 mm, height 2130 mm
- Maneuverability: Minimum turning radius of 2540 mm for tight spaces
- Durable Construction: Self-weight of 4530 kg ensures stability and longevity
- **Easy Operation:** Clear guidelines in the manual for safe use
- Versatile Forks: **Fork size of 1070 x 125 x 50 mm for various pallet sizes**
- **Fuel Efficiency: Approx. 2-4 liters per hour** of operation
- Wide Applications: Ideal for warehouses, factories, construction sites, and shipping yards

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The FX3 model is a diesel forklift with a rated capacity of 3500 kg and a load center of 500 mm. Its design model is FX3, and it has a self-weight of 4530 kg. The forklift's overall dimensions (including fork) are as follows: L1 overall length of 3900 mm, B overall width of 1240 mm, and H6 overall height of 2130 mm.

The forklift has a maximum lifting height of 3000 mm and a free lifting height of 170 mm. Its mast tilt angle of forks is 6 degrees in the front and 12 degrees in the rear. The forklift's fork size is 1070 x 125 x 50 mm, and its minimum turning radius is either 2540 mm.

The FX3 model is designed to be easy to operate and maintain, with clear guidelines provided in our manual. We recommend that all personnel read the manual thoroughly before operating or maintaining the machine to ensure safe use.

SPECS OF DIESEL FORKLIFT FX3

Model	Diesel forklift FX3
Power Type	Diesel
Rated Capacity (kg)	3500
Max. Lifting Height (mm)	3000
Design Model	FX3
Self Weight (kg)	4530
Tread - Tyre width (mm) - S Front	1000
Tread - Tyre width (mm) - P Rear	980
L5 Wheel Base (mm)	1650
X Front Overhang (mm)	493
L4 Rear Overhang (mm)	540
Overall Dimensions (mm)	L1 overall length: 3900, B overall width: 1240, H6 overall height: 2130

Model	Diesel forklift FX3
Free Lifting Height (mm)	170
Load Center (mm)	500
Mast Tilt Angle (front/rear, degrees)	6/12
Max. travel speed (km/h)	20
Fork Size (L x W x H, mm)	1070 x 125 x 50
Min. Turning Radius (mm)	2520

FEATURES OF DIESEL FORKLIFT FX3

- **Diesel-powered forklift with a load capacity of 3500 kg** and load center of 500 mm
- Max. travel speed: **20 km/h**
- **Fork can tilt forwards to backward** - The Diesel Electric Stacker offers the ability to tilt the fork forwards and backward, providing enhanced control and maneuverability while handling various types of loads. Whether you need to adjust the fork angle for improved stability during transport or precise positioning during loading and unloading, this stacker has you covered
- **Automatic fork width adjustments** - One of the standout features of this stacker is its automatic fork travel capability. With just a simple command, the forks widen or narrow automatically, adapting to different pallet sizes or load requirements. This eliminates the need for manual adjustments, saving time and effort while ensuring accurate and efficient material handling.
- Equipped with a **diesel engine**
- Weight of **4530 kg**, making it sturdy and durable for heavy-duty operations
- Tread - Tyre width dimensions of S front: 1000 mm and P rear: 980 mm, providing stability during operation
- L5 wheelbase of 1650 mm, ensuring smooth movement and maneuverability in tight spaces
- Overall dimensions (including fork) of L1 overall length: 3850 mm, B overall width: 1240 mm, H6 overall height: 2130 mm
- Free lifting height of either 170 mm, depending on the specific model
- Max. lifting height of up to 3500 mm, allowing for efficient stacking and unloading operations
- Mast tilt angle (front/rear) of 6/12 degrees provides flexibility in handling different loads
- Fork size (L x W x T) of 1070 x125 x50 mm, suitable for a wide range of pallet sizes

WHAT IS THE FUEL CONSUMPTION RATE OF THE DIESEL FORKLIFT?

On average, a diesel forklift with a 40 kW (53.6 horsepower) engine and a displacement of 2650 cc (2.65 liters) can consume approximately 2 to 4 liters of diesel fuel per hour of operation when empty. When the forklift is loaded, the fuel consumption may increase slightly due to the additional power required to lift and transport the load. The fuel capacity is 55L

WHAT TYPE OF ENGINE DOES THE FORKLIFT HAVE, AND WHAT IS ITS HORSEPOWER RATING?

The FX3 diesel forklift is powered by a diesel engine with a 40 kW (53.6 horsepower) engine and a displacement of 2650 cc (2.65 liters). Max. travel speed is 20 (km/h).

WHAT ARE THE DIMENSIONS OF THE FORKLIFT FX3, INCLUDING OVERALL LENGTH, WIDTH, AND HEIGHT?

- Overall length (including fork): 3900 mm
- Overall width: 1240 mm
- Overall height: 2130 mm
- Fork height at max lift: 4256 mm

WHAT IS THE TURNING RADIUS OF THE FORKLIFT, AND HOW DOES IT IMPACT MANEUVERABILITY?

The minimum turning radius of the FX3 diesel forklift ranges from 2250 mm (88 inches) to 2540 mm (100 inches), depending on the specific model and design. A smaller turning radius generally means better maneuverability in tight spaces.

WHAT IS THE LOAD CENTER OF THE FORKLIFT, AND HOW DOES IT AFFECT THE LIFTING CAPACITY?

The load center of a forklift refers to where a load should be placed on its forks in order to maintain stability while lifting. For example, the load center of the FX3 diesel forklift is 500 mm (19.7 inches). The load capacity of a forklift decreases as the load center moves further away from the forks.

HOW DOES DIESEL FORKLIFT FX3 WORK

The FX3 is a diesel-powered forklift that works by using a hydraulic drive device, which consists of a torque converter and power shifting transmission. The engine drives the torque converter, which then transmits power to the transmission. The transmission shifts gears to provide the necessary speed and torque for different operations. The hydraulic system of the forklift uses oil to power the lifting mechanism and other functions. The oil is pumped by an internal mesh gear pump, with a flow rate of 27L/min at 2000rpm and 1.5MPa pressure.

The hydraulic clutch uses friction plates to engage and disengage the transmission, with a set pressure of 1.1-1.4MPa. The operator controls the forklift using various levers and pedals, which control the direction, speed, and lifting height of the forks. The forks themselves are attached to a mast that can tilt forward or backward (up to 6/12 degrees) to accommodate different loads. Overall, the FX3 works by combining powerful diesel engine technology with precise hydraulic controls to provide efficient and reliable performance in a variety of industrial settings.

WHERE DIESEL FORKLIFTS ARE USED

The FX3 diesel forklift is designed for use in a variety of industrial settings, including warehouses, factories, construction sites, and shipping yards. It is suitable for lifting and transporting heavy loads over short distances, making it ideal for tasks such as loading and unloading trucks, stacking pallets, and moving materials around a worksite. The forklift can be operated by trained personnel who have received proper training on its safe operation. This includes understanding the controls and safety features of the machine, as well as following proper procedures for loading and unloading materials. In general, the FX3 diesel forklift is best suited for use in medium to large-scale industrial operations that require heavy lifting capabilities. It is a versatile machine that can handle a wide range of loads and tasks, making it a valuable asset to any business that requires efficient material-handling.

solutions.

DIESEL FORKLIFT FOR SALE

When purchasing a forklift, it's important to consider factors such as the lifting capacity, height requirements, the condition of the machine, its age and usage history, and any additional features or accessories that may be included. You should also ensure that the seller is reputable and offers reliable customer support if you encounter any issues with your purchase.

To buy a diesel forklift on sale add your desired model to your virtual cart and proceed through our secure online checkout process or click on the button GET OFFER and we will prepare a tailored offer for you and send it to your email.