technology with the power to deliver

Available in capacities from 8 to 16 tons, heavy-duty diesel counterbalanced Mitsubishi forklift trucks are as strong as they are reliable... and built to deliver high performance in every kind of environment.

The seven model range matches modern design with tried and tested technology, excellent engineering with local back-up, to optimise your productivity.

Because they produce low emissions, these diesel-powered trucks meet all environmental standards. Driver friendly, they also offer smooth lifting, excellent all-round visibility and high levels of driver comfort.

### Rapid product selector

<table>
<thead>
<tr>
<th>Load weight</th>
<th>Wheelbase (mm)</th>
<th>Load centre</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>8000kg</td>
<td>2650</td>
<td>600</td>
<td>FD80N</td>
</tr>
<tr>
<td>9000kg</td>
<td>2650</td>
<td>600</td>
<td>FD90N</td>
</tr>
<tr>
<td>10000kg</td>
<td>2800</td>
<td>600</td>
<td>FD100N</td>
</tr>
<tr>
<td>12000kg</td>
<td>2800</td>
<td>600</td>
<td>FD120N</td>
</tr>
<tr>
<td>15000kg</td>
<td>3100</td>
<td>600</td>
<td>FD150N</td>
</tr>
<tr>
<td>16000kg</td>
<td>3300</td>
<td>600</td>
<td>FD160N</td>
</tr>
</tbody>
</table>

**Mitsubishi Forklift Trucks gives you more**

Whatever your application... from timber to metals, construction materials to docksides, container handling to airfreight, Mitsubishi forklift trucks can deliver the muscle to handle the job.

A wide chassis design and low centre of gravity combine to provide good lateral stability... essential on rough terrain, at high lifts and with unusually wide loads. The 6 cylinder diesel engines produce rapid travel speeds and easily accommodate ramps and other gradients. Moreover, because Mitsubishi Forklift Trucks takes its ecological responsibilities very seriously, its low-emission engines meet all current and proposed environmental standards.

But that’s not all. From the ground up, every aspect of every truck’s design has been carefully considered – and every truck is packed with advanced features designed to make life better for the driver and the service engineer.

**supreme ergonomics**

The designers at Mitsubishi Forklift Trucks understand that high productivity depends on the combination of quality engineering and a contented and comfortable operator. That is why every truck is built around the operator’s needs.

**exceptional visibility**

Mitsubishi Forklift Trucks is well known for its unique and innovative approaches to meet design, which provide exceptional forward vision. Similar attention is paid to ensuring clear all-round and upward visibility through the overhead guard.

**rapid access servicing**

Every model has been designed to allow quick and easy access for checks and maintenance. Controls, and reservoirs, for example, are simple to reach, while hoods and panels can be lifted or removed in seconds – without tools – for inspection of all major components and systems.

**outstanding economy**

Use of high-quality components and careful design has reduced the service requirements of many key systems to a minimum — or eliminated it altogether. Rapid access features, and compatibility of parts between models and series, have further reduced downtime and maintenance costs.

- Compact, ergonomic steering wheel
- Full-suspension seat
- CAN-bus system and fault memory trolley for quick and easy troubleshooting
- Low shaft carriage height for better view
- Easy-reach, easy-check d Mushrooms
- Fingertip hydraulic controls
- Automotive-style pedals for precise control without fatigue
- Lifted operator compartment – for access to all areas
- Wide, high-grip steps
These heavyweight trucks deliver all the productivity and reliability you would expect from a Mitsubishi forklift trucks – in a rugged, extremely powerful package. And although they are tough in action, they are gentle on the driver and the environment. Low noise, effortless hydraulic control and refined ergonomics make driving a pleasure, while emissions have been minimised to meet the strict European exhaust emissions regulations.

Styling is modern and attractive, and a choice of seven capacities is offered to meet every need. Lift speed and gradient performance are exceptional, thanks to the high-powered engine and efficient transmission. High-quality components, protective features and easy service access maximise uptime, while great all-round visibility, a secure operator compartment and the Integrated Presence System (IPS) give peace of mind.

- Box-shaped structure with integrated fuel and hydraulic tanks gives the chassis excellent rigidity.
- Fenders and steps are bolted to the chassis for easy servicing.
- Separately constructed mast channels add extra strength, while straight-positioned roller bearings and adjustable side rollers ensure total reliability.
- Standard shaft-type carriages with low shaft height optimise visibility.
- Carriage design includes single centre bar with consequently large fork adjustment range for great functionality.
- Simultaneous and independent fork control options can be chosen by the driver according to preference.
- Powerful Mitsubishi 6M60-TL diesel engine produces high output and torque for increased productivity.

**Options**
- Deluxe cabin
- Roll attachments
- All-terrain option

- Dependable hydraulic system uses gear-type hydraulic pump and optimised component layout to reduce build-up of heat in the hydraulic system – for higher efficiency.
- High-performance hydraulic breather extends life of vulnerable components in harsh applications.
- CAN-bus system together with 32-code fault memory folder makes troubleshooting quick and simple.
- Automotive-style pedals with optimum pedal angle are easy to use and give good control without leg strain.
- 500-hour service interval (conditions apply) and long life of components reduces downtime and associated costs.

**IPS**
Integrated Presence System - parking brake alarm, seat belt warning light, hydraulic and travel interlock.
### Diesel Counterbalanced ● 6 Wheel Pneumatic Tyres

#### 8.0 - 16.0 tons

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Mitsubishi</th>
<th>Mitsubishi</th>
<th>Mitsubishi</th>
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<th>Mitsubishi</th>
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<tbody>
<tr>
<td>1.1. Manufacture (abbreviation)</td>
<td>FDN08</td>
<td>FDN08</td>
<td>FDN10</td>
<td>FDN10</td>
<td>FDN15</td>
<td>FDN15</td>
<td>FDN16</td>
<td>FDN16</td>
<td>FDN16</td>
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<tr>
<td>1.2. Manufacturer's model designation</td>
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<td></td>
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<tr>
<td>1.3. Power source (battery, diesel, LPG, gas, petrol)</td>
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<td>Diesel</td>
<td>Diesel</td>
<td>Diesel</td>
<td>Diesel</td>
<td>Diesel</td>
<td>Diesel</td>
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<tr>
<td>1.4. Operator seat type</td>
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<td>Seated</td>
<td>Seated</td>
<td>Seated</td>
<td>Seated</td>
<td>Seated</td>
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<td>Seated</td>
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<tr>
<td>1.5. Load capacity (t)</td>
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<td>0.80</td>
<td>0.80</td>
<td>0.80</td>
<td>0.80</td>
<td>0.80</td>
<td>0.80</td>
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<tr>
<td>1.6. Axle load (mm)</td>
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<td>600</td>
<td>600</td>
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<td>1.7. Axle distance (mm)</td>
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<td>1625</td>
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<tr>
<td>1.8. Aftermarket</td>
<td></td>
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</table>

#### Hydraulic, Tyres, etc.

3.1. Tyre type: 3- Ply, L- Pneumatic, E- Solid Pneumatic - front/ rear

3.2. Tyre dimensions, front:

<table>
<thead>
<tr>
<th>Tyre dimensions, front</th>
<th>9.00-20 12PR</th>
<th>9.00-20 12PR</th>
<th>11.00-20 14PR</th>
<th>11.00-20 14PR</th>
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</thead>
<tbody>
<tr>
<td>Weight (kg)</td>
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<td>28500</td>
<td>17750</td>
<td>28500</td>
</tr>
<tr>
<td>Size of centre of wheels</td>
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<td>1795</td>
<td>1795</td>
<td>1795</td>
</tr>
</tbody>
</table>

3.3. Tyre dimensions, rear:

<table>
<thead>
<tr>
<th>Tyre dimensions, rear</th>
<th>9.00-20 12PR</th>
<th>9.00-20 12PR</th>
<th>11.00-20 14PR</th>
<th>11.00-20 14PR</th>
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<td>17750</td>
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<td>1795</td>
<td>1795</td>
<td>1795</td>
<td>1795</td>
</tr>
</tbody>
</table>

#### Drive

- Powerful Mitsubishi 8M60-TL diesel engine produces high output and torque for increased productivity.
- Common rail technology in combination with electronically controlled turbocharger, turbo charge, the combustion system enables succedaneous exhaust gas recirculation and provides a low fuel consumption ventilation system allows control of torque, noise and exhaust emissions to comply with stage lift of exhaust emissions regulations (EURO III) amended by (EURO III).
- Powerful seating comfort with efficient lumbar support for maximum comfort in the interior.

#### Brakes

- Standard high performance disc brakes are all-axle anti-lock (hydraulically) included.
- Heavy duty, all-steel, disc brakes reduce wear and tear of brake pads, increasing efficiency.

#### Hydraulics

- Dispersible hydraulic system uses gear pump to hydraulically pump oil, provides optimum component design in order to reduce bushing load.
- Powerful seating comfort with efficient lumbar support for maximum comfort in the interior.

#### Electrical and control systems

- Col-axle system together with 30-volt fuel necessary sheds load on the steering system quick and simple.
- Integrated Pressor System provides parking brake alert, dual battery protection and hydraulic and electric interlock system for safety.

#### Steering system

- Robust rear axle with reliable bearings, high-quality steering and load to drive ensures reliability.

#### Options

- Deluxe cabs
- Mud attachments
- Air intake options