Operability, productivity and economy are the themes underlying the FX20/GX20 series design. A high-performance engine for better power, highly reliable wet-disc brakes, a highly rigid mast, and electrically controlled four-speed transmission for excellent travel speed and acceleration make FX20/GX20 machines a joy to operate, as well as strong contributors to a company’s bottom line.
Hydraulic fork positioner with side shift function substantially improves operational efficiency.

Wider viewing angle and rear under mirror help confirm that the path is clear.

Efficient mast design offers good forward visibility for better operating productivity.

Hydraulic circuit has been optimized to achieve top-of-the-class lifting speeds.

Small turning radius provides better maneuverability in tight spaces and better job efficiency.

Fully hydrostatic power steering system minimizes kickback. Also, a reduced turning ratio allows the operator to handle sharp turns with ease.

Rated output 118 kW (160 HP) @ 2200 min⁻¹

Displacement: 6494 cm³ (396.3 cu.in)

Rated output 166 kW (226 HP) @ 2200 min⁻¹

Displacement: 8267 cm³ (504.5 cu.in)

Emission-Controlled Exhaust

The FX20/GX20 series is the first in its class to employ emission-controlled diesel engines.

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With all instruments in a single panel, major machine conditions can be monitored at a single glance.

A large fuel tank allows hours of work without the need for frequent fueling stops. Also, exterior fuel and hydraulic oil sight gauges allow simple checks of the machine’s vital fluids from the ground.

The top and sides of the bonnet cover fold out of the way for easy access.

Easy access to the air cleaner, which extends outside the machine, encourages regular checks. A backup warning lamp inside the cab indicates clogging.

Excellent Shifting
A rugged four-speed transmission and easy-to-operate electric control lever allow quick forward/reverse shifts. Also, a smooth-shifting automatic transmission (optional) is available for optimal gear selection even under frequent grade changes.

Excellent Comfort and Convenience

Tiltable Steering Column
A tiltable steering column ensures convenient, fatigue-free operation.

Comfortable Seat
 Blow-formed for durability, a new suspension seat with reclining function is provided as standard, for hours of working comfort.

Integrated Control
Integrated headlamp and direction indicator control column offers easy one-hand operation.

Full-floating suspended cab insulates operator from machine vibrations and provides hours of operator comfort.

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## Specification Sheet

### FX20

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>FD210-6, FD216-6, FD2002-6</td>
</tr>
<tr>
<td>Power Type</td>
<td>Electric, Diesel, Gasoline, LPG, Cable</td>
</tr>
<tr>
<td>Operation Type</td>
<td>Pedek, Ion, Driver standing, Sitting, Order picking</td>
</tr>
<tr>
<td>Rated Capacity</td>
<td>Q, Rated Capacity</td>
</tr>
<tr>
<td>Load Center</td>
<td>Rated Load Center</td>
</tr>
<tr>
<td>Front Axle Center to Fork Face</td>
<td>860(25.1)</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>y</td>
</tr>
<tr>
<td>Service Weight</td>
<td>21680(47,800)</td>
</tr>
<tr>
<td>Type</td>
<td>Cushion, Elastic Cushion, Pneumatic, Polyurethane</td>
</tr>
<tr>
<td>Tyre Type</td>
<td>Cushion, Elastic Cushion, Pneumatic, Polyurethane</td>
</tr>
<tr>
<td>Tyre Size</td>
<td>12.00-24/18PR, 13.00-26/18PR</td>
</tr>
<tr>
<td>Number of Wheel</td>
<td>4/2, 4/2, 4/2</td>
</tr>
<tr>
<td>Travel, Front</td>
<td>2230(87.4)</td>
</tr>
<tr>
<td>Travel, Rear</td>
<td>2300(90.6)</td>
</tr>
<tr>
<td>Tilt Angle</td>
<td>8/12, 8/12, 8/12</td>
</tr>
<tr>
<td>Mast Height, Lowered</td>
<td>9100(319)</td>
</tr>
<tr>
<td>Mast Height, Extended</td>
<td>11520(396.3)</td>
</tr>
<tr>
<td>Height, Overhead Guard</td>
<td>3020(119.0)</td>
</tr>
<tr>
<td>Length, with Std. Forks</td>
<td>7460(298.1)</td>
</tr>
<tr>
<td>Weight, with Std. Forks</td>
<td>2605(102.1)</td>
</tr>
<tr>
<td>Forks</td>
<td>27.7</td>
</tr>
<tr>
<td>Torque Converter</td>
<td>340(89.8)</td>
</tr>
</tbody>
</table>

### Engine Oil Pressure Warning Lamp

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Oil Pressure Warning Lamp</td>
<td>2600(102.0)</td>
</tr>
<tr>
<td>Power Steering</td>
<td>9100(319)</td>
</tr>
<tr>
<td>Headlights</td>
<td>3000(118)</td>
</tr>
<tr>
<td>Backup Lamps</td>
<td>3500(129.1)</td>
</tr>
<tr>
<td>Backup Buzzer</td>
<td>3200(126.4)</td>
</tr>
<tr>
<td>Standard Equipment</td>
<td>3000(118)</td>
</tr>
<tr>
<td>Options</td>
<td>3200(126.4)</td>
</tr>
</tbody>
</table>

### Drawing

#### Standard Equipment
- Headlights
- Tail signal lamps
- Step and tail lamps
- Backup lamps
- Tiltable steering column
- Deluxe operator seat
- Floor mat
- Overhead guard
- Cyclonic air cleaner
- Rear view mirror
- Rear view camera
- Backup buzzer
- Fuel cap with lock key
- Manual fork positioner
- Drawbar pin
- Engine oil pressure warning lamp
- Charge warning lamp
- Air cleaner element

#### Options
- Steel cab
- Automatic transmission
- Air conditioner
- Rear working light
- Fire extinguisher

#### Attachments
- Side shifter
- Side shift fork positioner (Independent move)
- Fork positioner (Independent move)
- Fork positioner with side shift function (Simultaneous move)

Performance may vary due to operating conditions. The performance shown represents nominal values under typical operating conditions. Specifications are subject to improvements and changes without notice.
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<th>Description</th>
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<tr>
<td><strong>Model</strong></td>
<td>FD200-6, FD250-6</td>
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<td><strong>Power Type</strong></td>
<td>Electric, Diesel, Gasoline, LPG, Cable</td>
</tr>
<tr>
<td><strong>Operation Type</strong></td>
<td>Pedestrian, Driver standing, Sitting, Order picking</td>
</tr>
<tr>
<td><strong>Rated Capacity</strong></td>
<td>Q: 2000 (44,000 kgf)</td>
</tr>
<tr>
<td><strong>Load Capacity</strong></td>
<td>G: 2500 (55,000 kgf)</td>
</tr>
<tr>
<td><strong>Load Distance</strong></td>
<td>Front Axle Center to Fork Face, min (in)</td>
</tr>
<tr>
<td><strong>Wheelbase</strong></td>
<td>y: 4400 (173.2)</td>
</tr>
<tr>
<td><strong>Service Weight</strong></td>
<td>29000 (64,000 kgf)</td>
</tr>
<tr>
<td><strong>Axle Loading</strong></td>
<td>Loaded: Front, min (in), Rear, min (in)</td>
</tr>
<tr>
<td><strong>Type Type</strong></td>
<td>Cushion, Elastomeric Cushion, Pneumatic, Polyurethane</td>
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<tr>
<td><strong>Tyre Type</strong></td>
<td>Rotating lamp, Charge warning lamp, Engine oil pressure warning lamp</td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>Voltage/Capacity at 5-hour rating</td>
</tr>
<tr>
<td><strong>Torque Converter</strong></td>
<td>Rated Output, SAE gross, kW/HP</td>
</tr>
<tr>
<td><strong>Clutch</strong></td>
<td>Torque Converter, Torque Converter</td>
</tr>
<tr>
<td><strong>Gearbox</strong></td>
<td>Standard Equipment</td>
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### Standard Equipment
- Headlights
- Turn signal lamps
- Stop and tail lamps
- Backup lamps
- Tilttable steering column
- Deluxe operator seat
- Floor mat
- Overhead guard
- Cycliconic air cleaner
- Rear view mirror
- Windscreen wipers
- Fuel cap with lock key
- Manual fork positioner
- Drawbar pin
- Engine oil pressure warning lamp
- Charge warning lamp
- Air cleaner element

### Options
- Steel cab
- Automatic transmission
- Air conditioner
- Rear working light
- Tire extinguisher
- Load indicator
- Rotating lamp

### Attachments
- Side shifter
- Side shift fork positioner (Independent move)
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### Performance Specifications
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