The data in this brochure was determined based on our standard testing condition. Operating performance may vary depending on the actual specifications and condition of the vehicle, as well as the conditions of the operating area.

Due to photography and printing, color of actual vehicle may vary from this brochure. Some photos have been computer-enhanced.

Availability and specifications are determined regionally and are subject to change without notice.

Safe forklift operation is achieved by proper operator training and proper worksite rules. Please consult your Toyota representative regarding forklift selection and operator training.

Please consult your Toyota representative for details.
8FBE SERIES
ELECTRIC POWERED FORKLIFT  8FBE 1.0 to 2.0 ton

Wide Operation Range,
The 8FBE Series Becomes a New Standard for Compact Forklifts

Features of the 8FBE Series
LONGER OPERATING TIME  SAFETY  OPERABILITY  RELIABILITY

- Stable Even During Small-radius Turns
- Stable Even at High Stacking Heights
- Easy Turning Even in Narrow Aisles
- Smooth Entry and Exit Even Through Low-height Entranceways
- Dependable Even for Outdoor Operation
Features and equipment may vary depending on market.

Compact Body and Turning Performance, Suitable Even in Narrow Worksites

The compact body and turning performance all add up to superior operability in narrow worksites. This, together with great stability, makes for powerful support for material handling in a diverse range of applications.

Minimum Turning Radius

The dual AC motor front wheel drive allows compact turns. Depending on steering angle, the system controls the motor output and motor rotating direction, enabling smooth pivot turning.

<table>
<thead>
<tr>
<th>Model</th>
<th>Turning Radius</th>
<th>Turning Radius</th>
</tr>
</thead>
<tbody>
<tr>
<td>5FBE15</td>
<td>1,980mm</td>
<td>1,980mm</td>
</tr>
<tr>
<td>5FBE15H</td>
<td>1,980mm</td>
<td>1,980mm</td>
</tr>
<tr>
<td>5FBE18</td>
<td>1,980mm (1,710mm)</td>
<td>1,980mm (1,710mm)</td>
</tr>
<tr>
<td>5FBE20</td>
<td>1,980mm (1,710mm)</td>
<td>1,980mm (1,710mm)</td>
</tr>
</tbody>
</table>

Right-angle Aisle Width / Right-angle Stacking Aisle Width

The small turning radius achieved through the compact body and 3-wheel configuration makes possible a effective use of working space.

<table>
<thead>
<tr>
<th>Model</th>
<th>Right-angle Aisle Width</th>
<th>Right-angle Stacking Aisle Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>5FBE15</td>
<td>1,980mm</td>
<td>1,980mm</td>
</tr>
<tr>
<td>5FBE15H</td>
<td>1,980mm</td>
<td>1,980mm</td>
</tr>
<tr>
<td>5FBE18</td>
<td>1,980mm (1,710mm)</td>
<td>1,980mm (1,710mm)</td>
</tr>
<tr>
<td>5FBE20</td>
<td>1,980mm (1,710mm)</td>
<td>1,980mm (1,710mm)</td>
</tr>
</tbody>
</table>

Stable Travel, Turning and Load Handling

Double Rear Tires

Double rear tires achieve stability during travel and turning as well as greater rated load capacity at high mast heights.

The Same Lateral Stability As 4-wheel Forklifts

Low-height Headguard

The overall height on all models is a low 1,980 mm, making it possible to enter and exit containers or low-height entrances/cas with ease and comfort.

<table>
<thead>
<tr>
<th>Model</th>
<th>Head height</th>
</tr>
</thead>
<tbody>
<tr>
<td>5FBE15</td>
<td>1,980mm</td>
</tr>
<tr>
<td>5FBE15H</td>
<td>1,980mm</td>
</tr>
<tr>
<td>5FBE18</td>
<td>1,980mm (1,710mm)</td>
</tr>
<tr>
<td>5FBE20</td>
<td>1,980mm (1,710mm)</td>
</tr>
</tbody>
</table>
Longer Operating Time
Contributing to Better Work Efficiency

Best-in-class Energy Efficiency
High-efficiency New Motors and Motor-drivers
Newly developed motors and motor-drivers minimize energy loss, and minimized heat generation greatly reduces energy consumption. This increases the operating time by 20%.

Operating Time
20% UP
7 h. 16 min.
7FBE Series
8 h. 47 min.
8FBE Series

Features and equipment may vary depending on market.

Easy Battery Exchanging
The battery with fork pockets can be taken out from the right side of the truck by using a forklift.

Battery Side-out
Battery Roll-out
Exchange of the battery can be accomplished by extracting the battery by sliding it out.

Regenerative Systems for Efficient Energy Recovery

Accelerator-release Regeneration
When the accelerator is released, this collects energy in the battery. It also helps achieve smoother deceleration.

Brake Regeneration
When the brake is activated, the energy is recovered in the battery. This also helps to extend brake life.

Switchback Regeneration
During switchback, the energy is recovered in the battery. This also contributes to smooth and quick switchback operation.

Keeping High Performance
Power-keep Function
This feature keeps load handling and travel performance as the battery charge gets low, allowing continuing efficient operation. Note: Not available in the Middle East.

Preventing Useless Power Consumption
Auto Power-off Function
This feature supports energy savings by automatically switching off the power after the operator leaves the forklift for a specific period of time.

Selecting the Optimal Power Level
Power-select Function
Both travel and load handling performance can be customized. This provides an optimal balance of performance and operating time.

*This feature shows the selected power for the function display (top). With the standard display, you can select from 3 levels (Drive Power, 0, and 1).

Feature for Long Battery Life

Battery Fluid Level Detection
When the battery fluid level is low or the fluid temperature is high, this informs the operator by an indicator and an audible warning, and also restricts travel performance. This helps prevent degradation of the battery and ensure a long life for the battery.

New motors and drivers have been adopted in aims of improving operating time. This achieves operating time of 20% longer, contributing to a further enhancement of work efficiency.

Low Energy Consumption

<table>
<thead>
<tr>
<th>Model</th>
<th>Energy Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>8FBE 10</td>
<td>3.2 kWh/h</td>
</tr>
<tr>
<td>8FBE 13</td>
<td>3.3 kWh/h</td>
</tr>
<tr>
<td>8FBE 15</td>
<td>3.5 kWh/h</td>
</tr>
<tr>
<td>8FBE 18</td>
<td>3.8 kWh/h</td>
</tr>
<tr>
<td>8FBE 20</td>
<td>4.0 kWh/h</td>
</tr>
</tbody>
</table>

Energy Consumption (at 60 sec Cycle)
Support for Safe Operations

**SAS (System of Active Stability) - ε**

Helping to Prevent Load Spills

**Active Mast Front-tilt Angle Control**

The angle of forward mast tilt is automatically controlled to match the lift height and load weight, helping to prevent dropped loads or tip-over.

**Active Mast Tilt Speed Control**

Automatic control of mast tilt speed at high mast heights helps to prevent load spills.

Smooth Operation

**Automatic Fork-leveling Control**

Preventing a switch during forward lift automatically stops the forks at a level position. This makes load-handling operations easier, helping to achieve high productivity.

**Active Steering Synchronizer**

This feature ensures that the angle of the steering wheel corresponds to the angle of the rear steering wheels.

Stable Travel

**Parking with Load**

As high lift height

As low lift height

**Automatic Vehicle-speed Control**

This controls vehicle speed as well as acceleration and deceleration according to lift height and load weight, helping to ensure stable travel and prevent load spills.

**Automatic Turn-speed Control**

This controls turn speed according to the lift height, load weight, and turning radius, providing stable turning matched to the state of operation.

Help Interrupt Unanticipated Load-handling and Traveling

**Operator Presence Sensing System (OPS)**

If the operator is not in the normal operating position, travel power is interrupted and load-handling operations are stopped.

**Emergency Power Shut-down Button**

In the event of an emergency, pressing this button switches off all power sources. A simple twist release allows the truck to restart.

Outstanding Visibility

**Upward Visibility**

A transparent overhead guard provides excellent upward visibility.

**Forward Visibility**

Optimal mast width and hood design ensure a clear view through the mast.

**Fork-tip Visibility**

Equipped with a small-diameter steering wheel, optimally positioned display, and an angled mirror stay for the best possible visibility of the fork tips.

**Rear-pillar Assist Grip**

The swing grip with horn button enhances reverse travel comfort and offers easy horn operation while travelling in reverse.

Features and equipment may vary depending on market.

Features and equipment may vary depending on market.

With SAS-ε and outstanding visibility, the New 8FB-E Series supports safe operations. It also contributes to enhanced efficiency.
In Comfort – Ergonomically More Pleasing and Enjoyable

Robust Body Design

Energy Savings, Long Life LED Lights

These economical LED lights offers long life and low energy consumption. Also, it is worthwhile to note that these LED lights are made to last longer and will significantly extend your machine’s lifespan.

For Safe Worksites

Encouraging Careful Operation

Help for Management

EPRM®-code Entry System

This feature allows easy access to all machine settings by entry code or password. This helps to prevent unauthorized operation and helps reduce maintenance costs.

Safety & Easiness

Features and equipment may vary, depending on region.

Operability & Comfort

Small-diameter Turning Wheel

The small-diameter turning wheel with the fluid-fork is convenient, allowing the operator to walk around the machine without difficulty.

Smooth Start Off on Slopes

Anti-slipback

The brake mechanism of the fork truck is automatically released when the engine is started, or when the truck is turned over at a constant speed. This helps to ensure smooth operation on slopes.

Easy Entry and Exit

The large-painted grip, low step, and smooth transition to the main platform make getting on and off easier. This can help reduce the operator’s fatigue.

Best Partner

for Operators As Well As Managers

High Water Resistance (IPX4)

Through its design, it is able to endure wet conditions. The fork truck also features high water resistance in order to prevent the movement of water in a wider range of wetland.

For Safe Worksites

Encouraging Careful Operation

Help for Management

EPRM®-code Entry System

This feature allows easy access to all machine settings by entry code or password. This helps to prevent unauthorized operation and helps reduce maintenance costs.

Operability & Comfort

Small-diameter Turning Wheel

The small-diameter turning wheel with the fluid-fork is convenient, allowing the operator to walk around the machine without difficulty.

Smooth Start Off on Slopes

Anti-slipback

The brake mechanism of the fork truck is automatically released when the engine is started, or when the truck is turned over at a constant speed. This helps to ensure smooth operation on slopes.

Easy Entry and Exit

The large-painted grip, low step, and smooth transition to the main platform make getting on and off easier. This can help reduce the operator’s fatigue.

Outstanding Operability and Comfort

Operating Performance

It is important that the design of the fork truck is such that it allows for an easy grip, a comfortable operation, and easy access to the main platform.

For Safe Worksites

Encouraging Careful Operation

Help for Management

EPRM®-code Entry System

This feature allows easy access to all machine settings by entry code or password. This helps to prevent unauthorized operation and helps reduce maintenance costs.

Operability & Comfort

Small-diameter Turning Wheel

The small-diameter turning wheel with the fluid-fork is convenient, allowing the operator to walk around the machine without difficulty.

Smooth Start Off on Slopes

Anti-slipback

The brake mechanism of the fork truck is automatically released when the engine is started, or when the truck is turned over at a constant speed. This helps to ensure smooth operation on slopes.

Easy Entry and Exit

The large-painted grip, low step, and smooth transition to the main platform make getting on and off easier. This can help reduce the operator’s fatigue.