

ELECTRIC POWERED FORKLIFT

8FBN 1.5 to 3.0 ton

8FB SERIES



Features and equipment may vary depending on market.

High-efficiency Systems

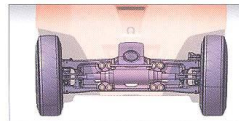
Operating Time

With high-efficiency systems such as AC power system and regenerative brake with pedal-stroke detection, the 8FB Series achieves longer operating time. It contributes to energy savings and environmentally friendly operation.

7FB Series	5% UP
8FB Series	

* With same battery capacity

Smooth and Stable Operation



High-mount Rear Axle
The 8FB Series uses a high-mount rear axle that positions the point of rear-axle support closer to the truck's center of gravity. This reduces the moment when turning, helping to achieve stable turns.

Easy Entry and Exit

Large Assist Grip

Self-stowing Parking Brake
After the parking brake has been pulled to engage, the lever returns forward, ensuring a wide space.

Wide Open Step

Operator Presence Sensing System (OPS)



This system uses a switch sensor built into the operator's seat to detect the presence of the operator. If the operator is not in the normal operating position, travel power is interrupted and load-handling operations are stopped.

Note: OPS does not operate the brakes. Always set the parking brake before leaving the forklift.

Anti-rollback



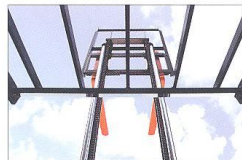
When the accelerator or brake pedal is released while stopped on a grade, the forklift stops and then descends at a constant speed. This helps to ensure operation on slopes.

Outstanding Visibility

Equipped with a lattice-design overhead guard, angled lower stay for the backrest, small-diameter steering wheel, and optimally positioned display, the 8FB Series achieves excellent visibility of the fork tips.

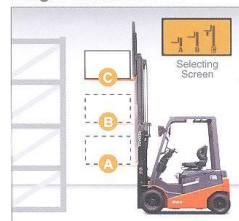


Lower Visibility



Upper Visibility

Height Selector (OPT)



Automatic Lift-height Positioning

This feature stops the forks at a preset position. With the simple touch of a button, the lift height can be set at any of three different positions.

Maximum Lift-height Restriction

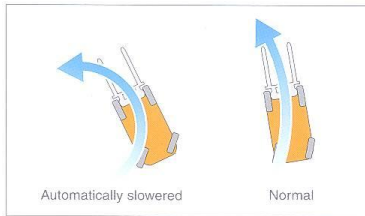
This feature prevents the forks from rising beyond a preset lift height.

Water Resistance (IPX4)

Through its structure and layout of the drive motor, load-handling motor, and controller compartment, the 8FB Series achieves high water-resistant performance. Support for IPX4* allows use of the 8FB Series at a wide range of worksites.

* According to internal research





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

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.

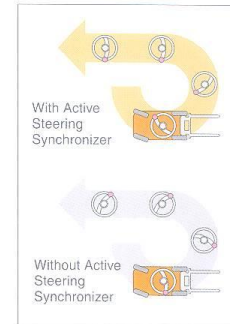
Active Mast Function Controller



Automatic Fork-leveling Control
Pressing a switch during tilt automatically stops the forks at a level position.

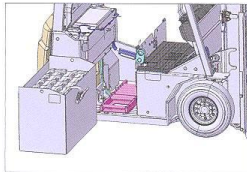
Active Mast Front-tilt Angle Control
The angle of forward mast tilt is automatically controlled to match the lift height and load weight.

Active Mast Tilt Speed Control
Automatic control of mast tilt speed at high mast heights helps to prevent load spills.

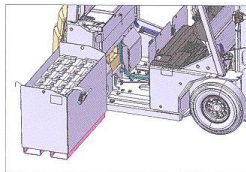


Active Steering Synchronizer
This feature ensures that the angle of the steering wheel corresponds to the angle of the rear steered wheels.

Easy Battery Replacement

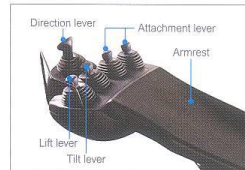


Battery Roll-out OPT
The roller bed is mounted on the frame. The battery can be replaced by sliding it out.



Battery Side-out OPT
The battery case with fork pockets can be taken out by using a forklift.

Variation of Operating Levers



Mini Lever OPT



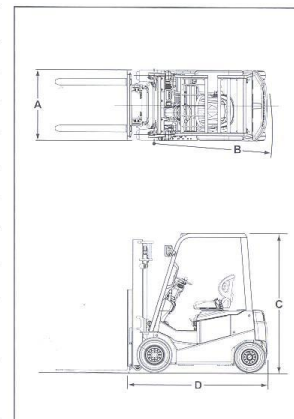
Joystick OPT

MAIN SPECIFICATIONS

Model		8FBN15	8FBN18	8FBN20	8FBN25	8FBN30
Load Capacity	kg	1500	1750	2000	2500	3000
Load Center	mm	500	500	500	500	500
Overall Width	A mm	1060	1065	1180	1180	1235
Turning Radius (outside)	B mm	1770	1780	1980	2000	2210
Overhead Guard Height	C mm	2085	2095	2085	2085	2255
Length to Fork Face	D mm	2080	2115	2250	2325	2485

BATTERY AND MOTOR SPECIFICATIONS

Model		8FBN15	8FBN18	8FBN20	8FBN25	8FBN30
Voltage/Capacity (5-hour ratings)	Min. V/Ah	48/390	48/390	48/470	48/565	80/370
	Max. V/Ah	48/565	48/565	48/725	48/725	80/480
Electric Motors	Drive kW	7.6	7.6	10.7	10.7	11.9
	Load Handling/Power Steering kW	9.5	9.5	12.2	12.2	14.4



The data in this leaflet was determined based on our standard testing conditions. 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, the color of actual vehicle may vary from this leaflet. Some photos have been computer-enhanced.
Availability and specifications are determined by market 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.

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