

8FBE SERIES

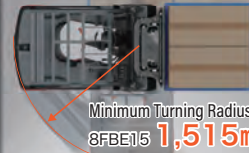
ELECTRIC POWERED FORKLIFT 1.0 TO 2.0 TON

CREATING SOLUTIONS for various operations

Multi-talented Forklift with compact body, outstanding turning performance, excellent stability and operability for narrow worksites to perform various material handling operations.



Overall Height (all models): **1,980mm**



Minimum Turning Radius 8FBE15 **1,515mm**

Intersecting Aisle Width 8FBE15 **1,680mm**

Basic Right Angle Stacking Aisle Width* 8FBE15 **1,865mm**
*Add load length and clearance



Toyota's Unique Operator Assist Features

SAS E Option

Helping to prevent load spills

Active Mast Front-tilt Angle Control

Ensures that the angle of the steering wheel corresponds to the angle of the rear wheels.

Active Steering Synchronizer

Provides excellent stability in load handling

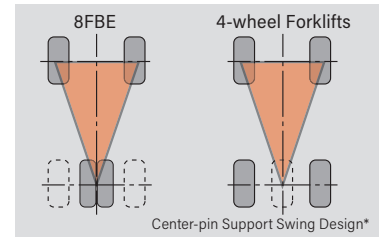
Automatic Fork-leveling Control

Stable in travelling and turning

Automatic Turn-speed Control

Automatic Travel-speed Control

The Same Lateral Stability As 4-wheel Forklifts



* A common mechanism of 4-wheel forklifts without System of Active Stability

Long Operating Time by battery exchange options. It contributes to minimize the downtime for battery exchange.



Battery Side-out Option

The battery with fork pockets can be taken out from the right side of the truck by using a forklift. The option is available with Single Overall Electrolyte Filler Ports option.

* The models with this option have a minimum ground clearance 12.5mm lower than the standard model.



Battery Roll-out Option

Exchange the battery by extracting the battery by sliding it out.

Battery Carrier option is required.
* The models with this option have a minimum ground clearance 12.5mm lower than the standard model.

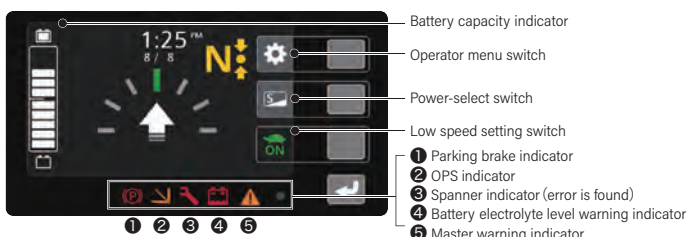
NEW Key-off Light-off

Whenever the "Key-off" function is activates, the light goes out automatically. This avoids needless electric power consumption.



NEW Color Multifunction Display

Color Multifunction Display is approximately twice the screen size of the previous model. Visibility and operability with various information have been improved by larger high-resolution color LCD.



- 1 Battery capacity indicator
- 2 Operator menu switch
- 3 Power-select switch
- 4 Low speed setting switch
- 5 ① Parking brake indicator
- 6 ② OPS indicator
- 7 ③ Spanner indicator (error is found)
- 8 ④ Battery electrolyte level warning indicator
- 9 ⑤ Master warning indicator

NEW LED Lights

LED Lights are used on the rear combination lights and available as options for headlights and front combination lights. * The life of the lights depends on actual use conditions.

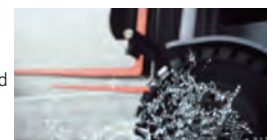
LED Front Combination Lights Option

LED Rear Combination Lights



High Water Resistance (equivalent to IPX4)

Through its structure and layout, 8FBE series achieved IPX4-equivalent water resistance. This model can be used for outdoor operation without concern.



Supporting operators to avoid collisions with unnoticed obstacles for achieving safe operation

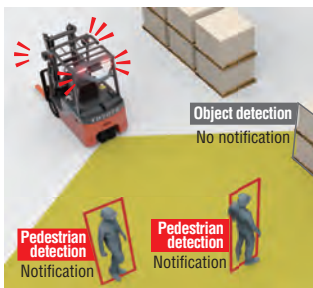


NEW Operator Assist System with Pedestrian and Object Detection (With truck control)

SEnS+ Option

The stereo camera, exclusive design for forklifts detects pedestrians by distinguishing from unspecified obstacles in the detection range. Linked with the truck status, the system supports safe operation by not only notifying the operator with a warning buzzer and warning lamps, but also controlling the traveling speed and start of the truck.

First priority is people's safety and considers the influence on work efficiency / productivity. The system does not require carrying tags by workers and contributes to the safety of work environment where unspecified pedestrians are going in and out.



Traveling speed control

Linked with the truck status, SEnS+ automatically controls the traveling speed according to the detection target (pedestrian or object), traveling speed and steering angle.

Start Control (Pre-notification / Start limitation)

When obstacle (pedestrian or object) is detected behind the truck before moving in reverse direction, the operator is notified by the warning buzzer and warning lamps. When the direction lever is set in the reverse position, depressing the accelerator pedal in a situation where an obstacle exists in the traveling direction, start limitation is activated.

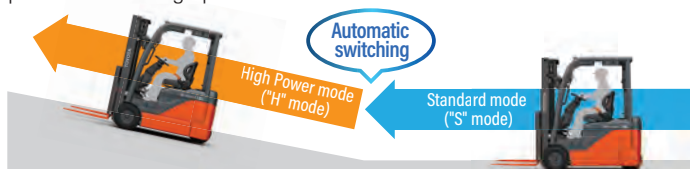


* For details, see the SEnS+ Leaflet.

Support for Smooth Operation

NEW Slope Sensing Auto Power Mode Selector Option

This detects the slope angle and automatically switches the driving performance to high power mode.



Note: If the High Power mode (H mode) is used on flat ground, the travelling performance will not change on slopes.
Note: The difference in the traveling speed will be small when traveling up the steep slope and the performance level is close to the maximum level.

NEW Smart Entry System Option

Only registered operators can operate trucks. This system prevents unauthorized use of trucks by unregistered operator.



NEW Fork Vibration Damper Option

By installing two accumulators in the hydraulic circuit of lift cylinder, fork vibration is absorbed over a wide range of load weight.



Images comparing travel on uneven ground with and without Fork Vibration Damper

The truck without Fork Vibration Damper, large waves occurred in the tank. The truck with Fork Vibration Damper absorbs vibration.



Smooth Load Handling and Traveling Operation



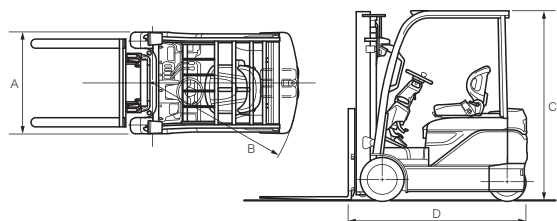
MAIN SPECIFICATIONS

Model		8FBE10	8FBE13	8FBE15	8FBE18	8FBE20
Load Capacity	kg	1,000	1,250	1,500	1,750	2,000
Load Center	mm	500	500	500	500	500
Overall Width	A mm	1,075	1,075	1,075	1,075	1,075
Turning Radius (Outside)	B mm	1,385	1,400	1,515	1,550	1,675
Overhead Guard Height	C mm	1,980	1,980	1,980	1,980	1,980
Length to Fork Face	D mm	1,750	1,755	1,875	1,905	2,045

BATTERY AND MOTOR SPECIFICATIONS

Model			8FBE10	8FBE13	8FBE15	8FBE18	8FBE20
Voltage/Capacity (5-hour ratings)	Min.	V/Ah	48 / 280	48 / 280	48 / 390	48 / 390	48 / 390
	Max.	V/Ah	48 / 370	48 / 370	48 / 565	48 / 565	48 / 645
Electric Motors	Drive	kW	4.9 × 2	4.9 × 2	4.9 × 2	4.9 × 2	4.9 × 2
	Load Handling	kW	9.2	9.2	9.2	9.2	9.2
Energy Consumption (VDI Cycle)		kW/h	3.4	3.5	3.8	4.1	4.3

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 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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