

ELECTRIC POWERED FORKLIFT

8FBN 1.5 to 3.0 ton

8FB SERIES



ADVANCED FEATURES GIVING YOU HIGH PRODUCTIVITY

Power Systems Leading to Longer Operating Time

Energy efficiency and easy battery replacement
for long operation.

Working Comfort and Visibility

Easy entry and exit, a comfortable operating posture, and
wide visibility support easy and efficient operation.

Stable and Smooth Operation

Load Sensing Proportional Valve, Anti-roll Back, SAS-E, and other
features provide you with stable and smooth travel and load-
handling operation.

Options to Meet Your Needs

Choose from such diverse options as the Height
Adjustment Lever and Shock Sensor to suit your operation.

Environmental Consciousness

The series contributes to environmental friendliness
with zero emissions and a hexavalent chrome-free design.

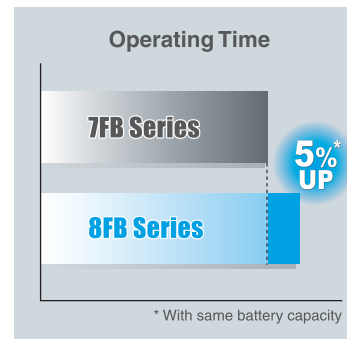


FOR OPERATION EFFICIENT SYSTEMS

achieves longer operating time by
energy loss. What's more, options that enable
placement support longer operating time.
with features that contribute to longer
8FB Series helps maximize the ease and
operation.

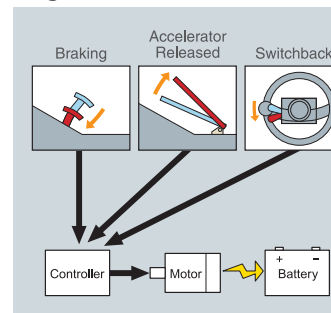


High-efficiency Systems



With high-efficiency systems, the 8FB Series achieves longer operating time. It contributes to energy savings and environmentally friendly operation.

Regenerative Brake with Pedal-stroke Detection



The regenerative braking system operates during braking, or switchback, and when the accelerator is released. For braking, the regenerative braking force is controlled according to the pedal depression stroke. This achieves high-efficiency energy recovery.

AC Power System

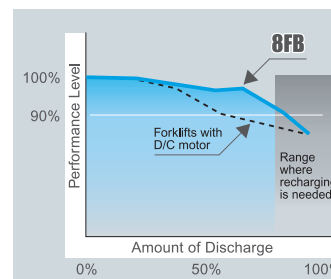
The AC motors use high-efficiency inverters and achieve smooth control and low maintenance costs.



* The picture shows the selection screen for the Multifunction Display (option). The standard display offers three power-selection modes.

Power-select Function

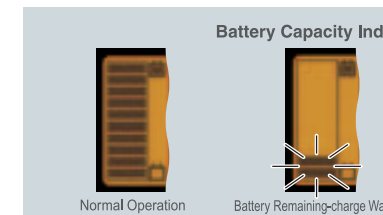
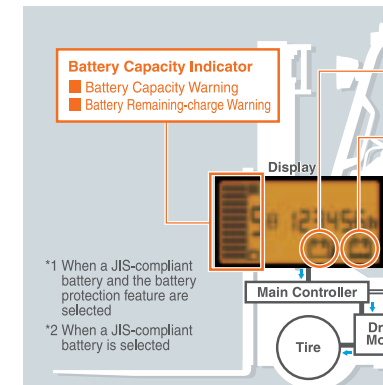
Both travel and load-handling performance can be customized.* This provides an optimal balance of performance and operating time.



Power-keep Function

This feature boosts load-handling and travel performance as the battery charge is low. You can continue efficient operation.

Features to Extend



Battery Capacity Warning and Battery

When the battery-charge level becomes low, the indicator flashes to warn the operator. If the forklift is in a low battery-charge level, the overdischarge protection load-handling performance is limited.

Battery Fluid-level Warning Indicator

This function warns the operator of a battery fluid level low by a visual indicator and an audible alarm. It is in a state that can shorten battery life.

Note: Available when a JIS-compliant battery is selected.

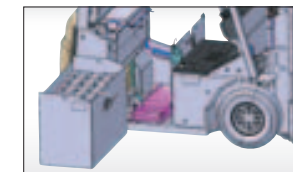
Battery Protection Feature **OPT**

When the battery fluid level is low or the battery is overcharged, this warns the operator by a visual indicator and also restricts travel performance. This prevents battery degradation and ensure a long life.

Note: Available when a JIS-compliant battery is selected.

Easy Battery Replacement

Battery roll-out and side-out systems make it easy to replace the battery with ease, helping to accommodate various battery types.



Battery
Replace
be acco
roller be
extracti
out from



ing Brake
e has been pulled to engage,
rd, ensuring a wide space
ne forklift.

Wide Open Step

e Operation



sted 150 mm
supports a
ure by
seat belt.

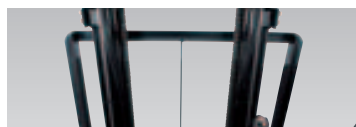


Small-diameter Steering Wheel

The small-diameter steering wheel with full hydraulic power steering system contributes to reduced operating fatigue.

Visibility

ign overhead guard, angled lower stay for the backrest,
eel, and optimally positioned display, the 8FB Series
of the forklift.



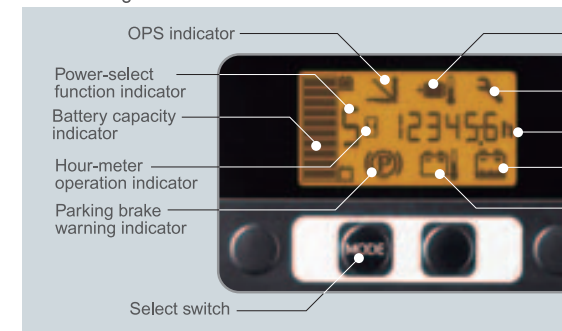
A TRADITION OF COMFORTABLE OPERATION

Easy entry and exit, a comfortable operating posture, and outstanding visibility. The friendly design of the 8FB Series provides you with comfortable operation.

Display

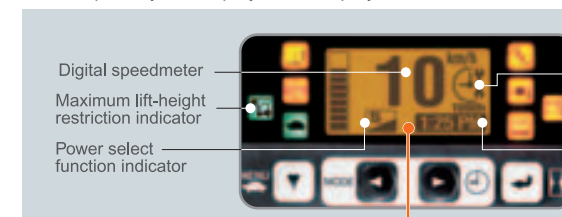
Standard Display

The indicators and warning lights can help keep the operator's status at a glance.



Multifunction Display **OPT**

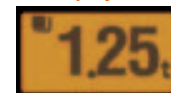
The multifunction display shows information on forklift status and a liquid-crystal display. This display can also be used for



Main Display Screens



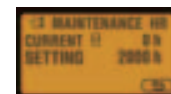
Automatic vehicle-speed control indicator



Load weight indicator (Delux Multifunction Display **OPT**)



Odometer and trip meter



Scheduled-maintenance hour meter

Water Resistance (IPX4)

Through its structure and layout of the drive motor, load-handling motor, and controller compartment.

HANDLING STABILITY SMOOTH OPERATION

ch features as a High-mount Rear Axle,
SAS- ϵ , the 8FB Series provides you with
n operation.

Rear Axle



h-mount rear axle that positions the
closer to the truck's center of gravity.
when turning, helping to achieve



Features and equipment
may vary depending on market.

Operator Presence System

Tilt Lock

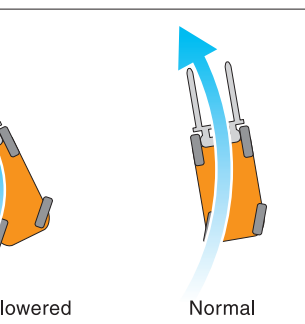
Lift
Lock

This system uses
the operator's seat
the operator. If the
normal operating
interrupted and lo
are stopped.

Note: OPS does not op
parking brake before le

System of Active Stability)- ϵ OPT

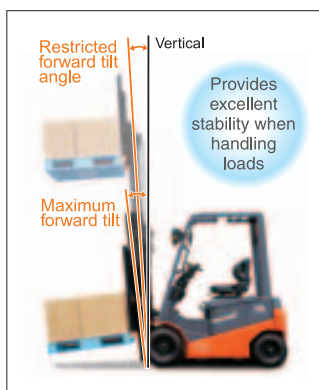
Level



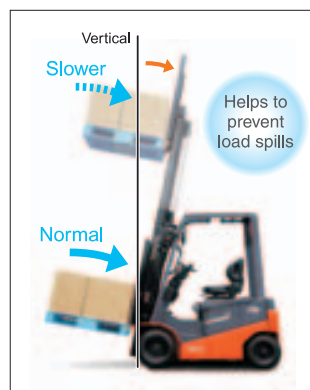
Speed Control
according to the lift height, load
radius, providing stable turning
e of operation.

Smooth Load-handling Operations

Active Mast Function Controller



Active Mast Front-tilt Angle Control

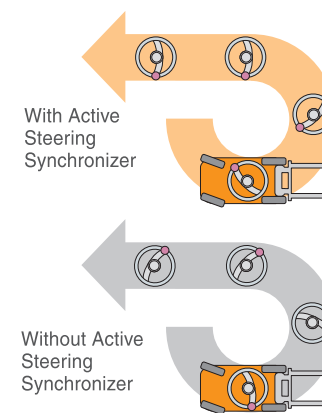


Active Mast Tilt Speed Control



Automatic Fork-leveling Control

Smooth Travel



Anti-roll



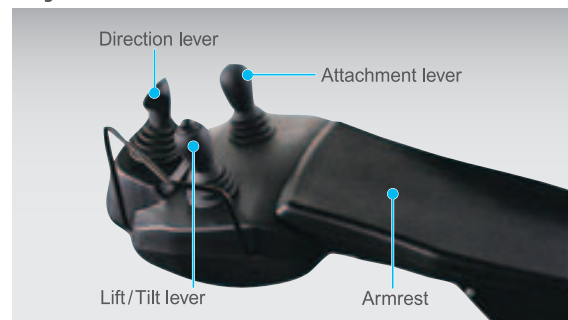
USE OPTIONS DIVERSE NEEDS

that simplifies load-handling
ction of operating levers, systems
cle management – a full array of
e to meet worksite needs.

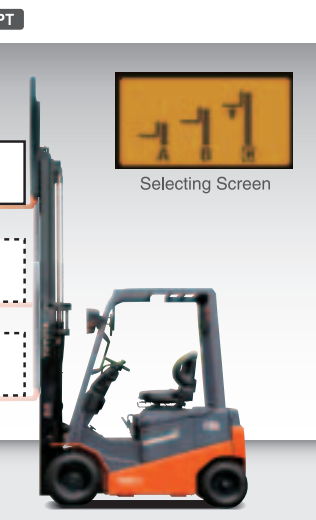


both operation. The design with
e operator's fatigue.

Joystick OPT

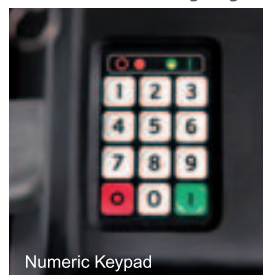


Armrest-equipped Joystick is optionally available. This makes it possible to perform lift and tilt simultaneously, using a single joystick.



Positioning
at a preset
k height with
le touch of a
ing operations
ight can be

PIN-code Entry System OPT



A registered Personal Identification Number (PIN) code must be entered to start the forklift, preventing use by unauthorized persons (100 PIN codes can be registered), up to ten sets of vehicle settings can be registered, allowing vehicle functioning to be tailored to the preferred performance settings for different operators.

Shock Sensor OPT



BUILT WITH THE ENVIRONMENT IN MIND

In addition to zero exhaust emissions – something only electric forklifts can promise – this series has a hexavalent chrome-free design. The 8FB Series continues the Toyota concept of environmental friendliness.

0
ZERO

**Zero Exhaust
Emissions**



**Hexavalent
Chrome-free**

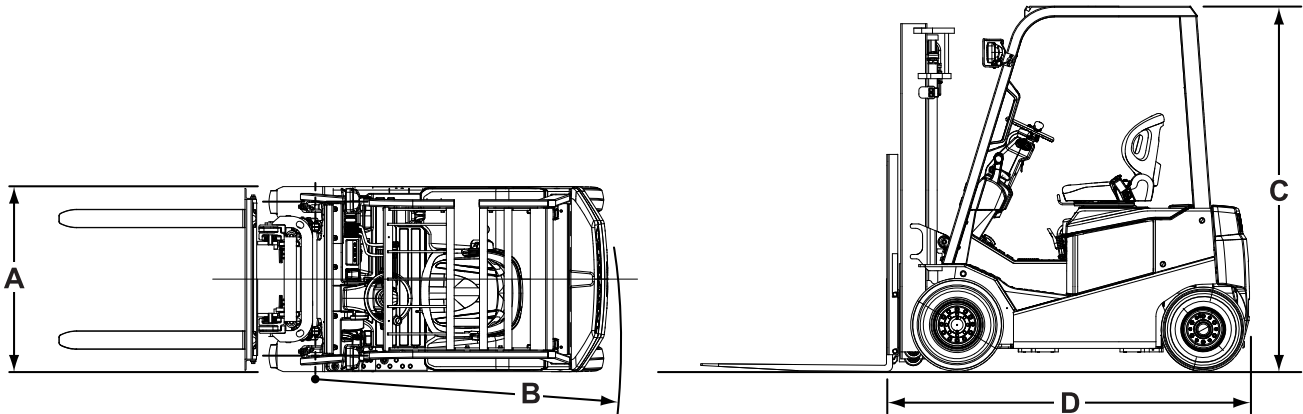


MAIN SPECIFICATIONS

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 brochure 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 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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