

ENGINE POWERED FORKLIFT 8SERIES

8FG/8FD 3.5 to 8.0 ton



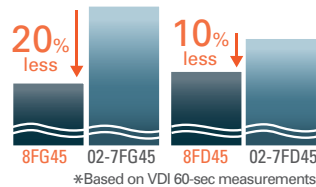
Features and equipment may vary depending on market.

Line-up of Reliable Toyota Engines



Low Fuel Consumption

With new engine (gasoline models), Load-sensing power steering and high-efficiency 2 stator torque-converter, 8FG/D35-80 achieves low fuel consumption.



NEW Load-sensing Power Steering (LSPS)

This adjusts the amount of power-steering fluid according to the load burden on the rear axle, reducing energy loss.

NEW 2-stator Torque-converter and Transmission

NEW Eco-mode **OPT** Gasoline models

Note: This is included in Multifunction Display (OPT) and Deluxe Multifunction Display (OPT).

NEW Engine Auto Stop **OPT** Gasoline models

Note: This is included in Deluxe Multifunction Display (OPT).

Make sure to follow proper parking process when parking the forklift. (e.g. turn off the engine)

NEW Travel Speed Control

This feature limits the maximum speed to a preset level. Low-speed setting enables the operator to turn on and off the setting.

Maximum Speed Limitation **OPT*** Gasoline models

Low-speed Setting **OPT*** Gasoline models

*Selection of these features requires installation of additional options as well.

Outstanding Visibility



Excellent Upward Visibility

Excellent Fork-tip Visibility



Rear-pillar Assist Grip **OPT**

This assist grip with horn button supports the driving position and offers easy horn operation while traveling in reverse.

Easy Entry and Exit

Large Assist Grip



Low and Wide Step



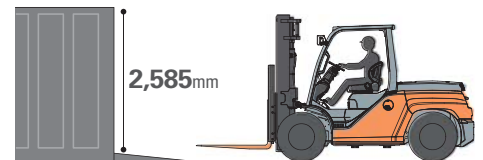
Roomy Operator's Compartment

Wide Floor Space

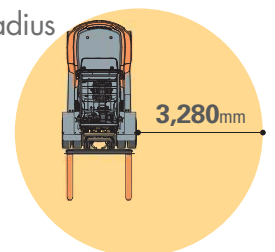


Compact Body

Low Overall Height



Small Turning Radius



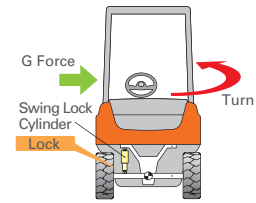
The image shown is 8FD70



System of Active Stability SAS System of Active Stability **OPT**

Active Control Rear Stabilizer

With SAS Provides excellent stability when turning



An onboard computer monitors the movement of the forklift and locks the swing of the rear axle when necessary, such as during turns.

Note: This function is not installed when the forklift is equipped with dual front tires. (Includes 6-8ton models)

Active Mast Function Controller



Provides fast handling and easy operation

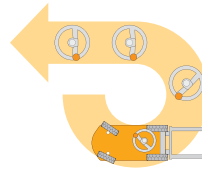


Automatic Fork-leveling Control
Active Mast Front-tilt Angle Control
The angle of forward mast tilt is automatically controlled to match the lift height and load weight.

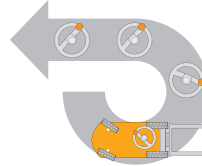
Active Mast Tilt Speed Control
Automatic control of mast tilt speed at high mast heights helps to prevent load spills.

Active Steering Synchronizer

With Active Steering Synchronizer



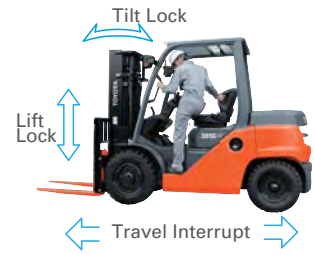
Without Active Steering Synchronizer



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

Operator Presence Sensing

OPS
Operator Presence Sensing



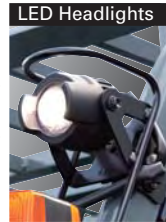
This system uses a switch sensor built into the operator's seat to detect the presence of the operator. If the operator is not in the normal operating position, travel power is interrupted and load handling operations are stopped.

Note: OPS does not operate the brakes. Make sure to follow proper process when you leave the forklift. (e.g. set the parking brake) Travel OPS is not available on manual transmission models.

Mini Lever **OPT**



NEW
LED Headlights
LED Rear Working Lights
OPT
Power-saving, long-life LED lights are available for the headlights and rear working lights.



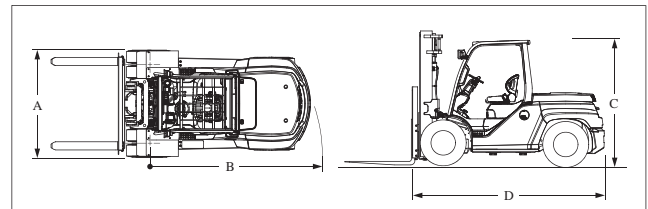
NEW
Torque-converter Interlock **OPT**
When the operator attempts switchback during high-speed travel, this automatically shifts the vehicle into neutral. After vehicle speed is reduced to below a preset level, the vehicle changes its driving direction.

MAIN SPECIFICATIONS

Model		8FG35N 8FD35N	8FG40N 8FD40N	8FG45N 8FD45N	8FG50N 8FD50N	8FD60N	8FD70N	8FD80N
Engine Model	Gasoline	1FS	1FS	1FS	1FS	-	-	-
	Diesel	14Z-II	14Z-II	14Z-II	14Z-II	14Z-II	14Z-II	14Z-II
Load Capacity	kg	3,500	4,000	4,500	5,000	6,000	7,000	8,000
Load Center	mm	600	600	600	600	600	600	600
Overall Width	A	mm	1,350	1,350	1,450	1,450	1,965	1,965
Turning Radius(outside)	B	mm	2,610	2,660	2,750	2,810	3,230	3,320
Overhead Guard Height	C	mm	2,210	2,210	2,300	2,300	2,310	2,310
Length to Fork Face	D	mm	2,925	2,980	3,110	3,170	3,490	3,590

ENGINE SPECIFICATIONS

Model		TOYOTA 1FS Gasoline	TOYOTA 14Z-II Diesel	
Displacement	cc	3,685	5,204	
Rated Power/r.p.m.	kW	65/2,350	3.5-5ton models	6-8ton models
			56/2,100	66/2,400
Rated Torque/r.p.m.	N-m	276/1,600	269/1,600	325/1,000



OPS does not operate the brakes. Always set the parking brake before leaving the forklift. Travel OPS is not available on manual transmission models. The data in this leaflet is determined based on our standard testing condition. The performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area. Availability and specifications depend on region and are subject to change without notice. Due to photography and printing, color of actual vehicle may vary from this leaflet. Some photos have been computer-enhanced. Please consult your Toyota representative for details.

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