

# TOTALLY TOYOTA

The 48 V battery and transistor chopper control ensures superior acceleration, traveling and load handling.

Safety and comfort are key themes in all Toyota forklifts. The 3FB Series is easy to enter and exit, can be adjusted to a wide range of driving positions and offers the clear visibility that have made Toyota forklifts famous. The comfort seat ensures a high level of comfort .

The 3FB Series is Totally Toyota. It offers features that will please the professional operator as well as those that will encourage safe and efficient operation from first-time users.



### Clear Forward Visibility Boosts Safety and Efficiency

Toyota forklifts have a reputation among professional operators for providing outstanding forward visibility. This Toyota has a low front protector and plenty of open space in the mast area. Toyota knows that unobstructed forward visibility forms the foundation for efficient load handling.



### Smooth and easy operation

The transistorized chopper-type controller offers both smooth acceleration and precise inching control. The Return-to-Neutral safety feature prevents unexpected starts if the key is turned on when the direction lever is in either the forward or backward position. Electric power steering ensures excellent maneuverability.



### Convenient Amenities

There is a useful storage area on the upper right-hand side of the steering column. It can hold items such as a drink can or pens and pencils. There is a document storage on back of the seat to store the Operator's Manual and other documents.

ELECTRIC POWERED FORKLIFT 0.7 and 0.9 TON

# 3FB SERIES



The data in this brochure 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 market and are subject to change without notice. Due to photography and printing, color of actual vehicle may vary from this brochure. Some photos have been computer-enhanced. Please consult your Toyota representative for details.

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TOYOTA MATERIAL HANDLING INTERNATIONAL

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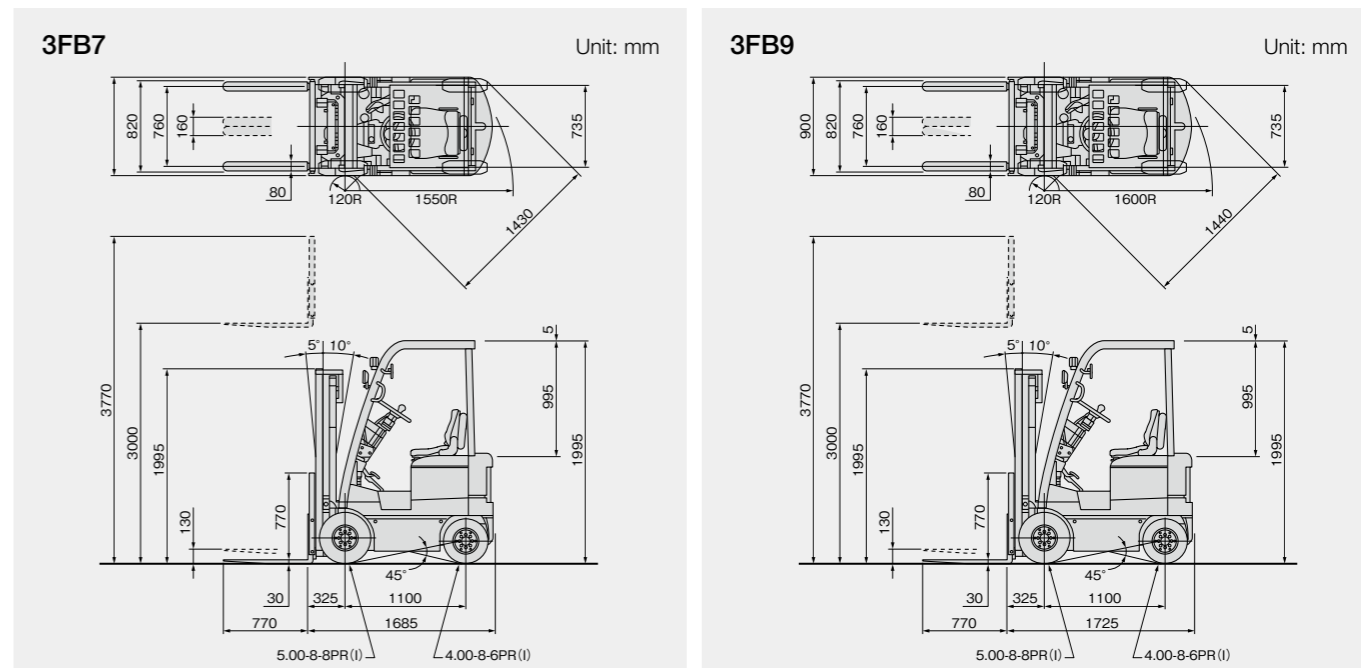
Main Vehicle Specifications

Characteristics		TOYOTA								
		3FB7		3FB9						
Manufacturer		TOYOTA								
Model		3FB7		3FB9						
Load Capacity		kg	700	900						
Load Center		mm	400	400						
Power Type		Battery								
Operator Position		Rider Seated		Rider Seated						
Tire Type		Front/Rear	Pneumatic		Pneumatic					
Wheels (x = driven)		Front/Rear	2x/2		2x/2					
Dimensions		Maximum Fork Height (MFH)		mm	3,000	3,000				
		Free Lift		mm	130	130				
		Fork Size		T x W x L	30x80x770		30x80x770			
		Tilt Range		FWD/BWD	5/10		5/10			
		Length to Fork Face		mm	1,685	1,725				
		Overall Width		mm	900	900				
		Mast Lowered Height		mm	1,995	1,995				
		Mast Extended Height		mm	3,770	3,770				
		Overhead Guard Height		mm	1,995	1,995				
		Turning Radius (Outside)		mm	1,550	1,600				
		Load Distance (Centerline of front axle to front face of forks)		mm	325	325				
		Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	1,875	1,925				
		Performance		Speeds		Travel, Max. (FWD/RVS)		Full Load	km/h	12.5
No Load						km/h	14.5	14		
Lifting						Full Load		mm/sec	310	300
						No Load		mm/sec	500	500
Lowering						Full Load		mm/sec	400	400
						No Load		mm/sec	500	500
Drawbar Pull *				Full Load/No Load		3-Minute Ratings		kg	500/450	500/450
						5-Minute Ratings		kg	370/370	370/370
						60-Minute Ratings		kg	80/90	80/90
Gradeability *				Full Load/No Load		3-Minute Ratings		% (tan θ)	23/25	19/22
						5-Minute Ratings		% (tan θ)	17/25	14/22
						60-Minute Ratings		% (tan θ)	3/6	2/5
Weight		Total Weight		Without Battery		kg	1,190	1,330		
		Weight Distribution (With STD Battery)		Full Load		Front	kg	1,950	2,270	
						Rear	kg	260	340	
				No Load		Front	kg	790	780	
						Rear	kg	720	930	
		Wheels and Tires		Tires		Number		Front/Rear	2/2	
Size						Front	5.00-8-8PR (I)		5.00-8-8PR (I)	
Rear				4.00-8-6PR (I)		4.00-8-6PR (I)				
Wheelbase				mm	1,100		1,100			
Tread				Front	mm	760		760		
				Rear	mm	735		735		
Underclearance (Full Load)				Min. <Drive Axle>		mm	90		85	
				Center of Wheelbase		mm	105		100	
Brake				Service (Foot)		Hydraulic		Hydraulic		
				Parking		Hand		Hand		
Drive Unit and Control		Battery		Voltage/Capacity (5-hour ratings)		STD	V/AH	48/165	48/165	
				High		V/AH	48/216	48/250		
		Weight (STD Capacity Type)		kg	320		375			
		Electric Motors		Drive		kW	3.3		3.3	
				Load Handling		kW	5.6		5.6	
				Power Steering		kW	0.75		0.75	
		Control Type		Drive		Transistor chopper		Transistor chopper		
Load Handling				Electromagnetic contactor		Electromagnetic contactor				
Power Steering				Electromagnetic contactor		Electromagnetic contactor				
Operating Pressure		For Attachments	kg/cm <sup>2</sup> (psi)	115 (1,630)		115 (1,630)				

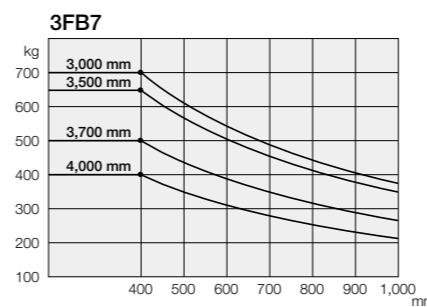
NOTE: \*Computed values.

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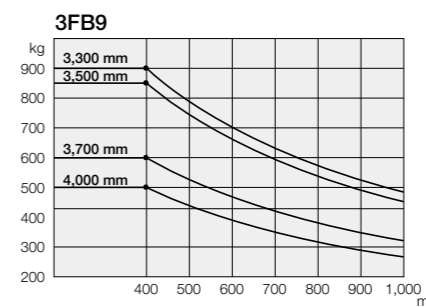
Dimensional Drawings



Load Capacity Charts



Rated capacities are computed from front face of forks with mast in vertical position and apply to Wide Visible Mast with up to 3,000 mm max. fork height.



Rated capacities are computed from front face of forks with mast in vertical position and apply to Wide Visible Mast with up to 3,300 mm max. fork height.

Underclearance mm

Mast (Full Load)	100
Drive Axle (Full Load)	90
Steer Axle (No Load)	120
Center of Wheelbase (Full Load)	105
Counterweight (No Load)	110

Underclearance mm

Mast (Full Load)	95
Drive Axle (Full Load)	85
Steer Axle (No Load)	120
Center of Wheelbase (Full Load)	100
Counterweight (No Load)	110

Standard Equipment 3FB7.9

- Wide Visible Mast (V) [MFH: 3,000 mm]
- Load Backrest [Height: 770 mm]
- Tilt Cylinder Boots
- Hour Meter
- Battery Capacity Indicator
- Headlights
- Electric horn
- Power Steering
- Storage Area
- Back-up Buzzer
- Reflector
- Overhead Guard

Mast Specifications & Rated Capacities 3FB7.9

Mast Type	Maximum Fork Height	Overall Height				Free Lift		Tilt Range		Load Capacity at 400 mm LC	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	3FB7	3FB9	
			Without Load Backrest	With Standard Load Backrest							deg
Wide Visible Mast (V)	2,000	1,495	-	2,770	-	130	5	6	700	900	
	2,500	1,745	-	3,270	-	130	5	10	700	900	
	2,700	1,845	-	3,470	-	130	5	10	700	900	
	3,000	1,995	-	3,770	-	130	5	10	700	900	
	3,300	2,145	-	4,070	-	130	5	10	650	900	
	3,500	2,245	-	4,270	-	130	5	10	650	850	
	3,700	2,345	-	4,470	-	130	5	10	500	600	
Wide Visible Full-Free Lift Two-Stage Mast (FV)	2,000	1,495	2,480	2,770	1,015	725	5	6	700	900	
	2,500	1,745	2,980	3,270	1,265	975	5	10	700	900	
	2,700	1,845	3,180	3,470	1,365	1,075	5	10	700	900	
	3,000	1,995	3,480	3,770	1,515	1,225	5	10	650	900	
	3,300	2,145	3,780	4,070	1,665	1,375	5	10	630	900	
	3,500	2,245	3,980	4,270	1,765	1,475	5	10	630	850	
	3,700	2,345	4,180	4,470	1,865	1,575	5	10	500	600	
4,000	2,595	4,480	4,770	2,115	1,825	5	10	400	500		

Note: Height of standard load backrest is 770 mm.