

Loading Capacity: 2,500Kg

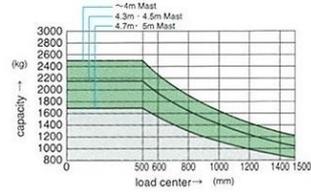
Specifications

Characteristics	1.2	Model	Manufacturer's Designation Transmission	FD25	
	1.3	Power Type	Electric, Diesel, Gasoline, LPG	Diesel	
	1.4	Operation Type		Sitting	
	1.5	Rated Capacity	Q	Rated Capacity kg 2500	
	1.6	Load Center	c	Rated Load Center mm 500	
	1.6.1	Alternative Capacity	Q2	Capacity@600mm Load Center kg 2260	
	1.8	Load Distance	x	Front Axle Center to Fork Face mm 465	
	1.9	Wheelbase	y	mm 1650	
	Weight	2.1	Service Weight		kg 3680[3720]
2.2		Axle Loading	Loaded	Front kg 5475[5495] Rear kg 705[725]	
2.3			Unloaded	Front kg 1470[1500] Rear kg 2210[2220]	
Tyres		3.1	Tyre Type		Pneumatic
		3.2	Tyre Size	Front	7.00-12-12PR1)
	3.3	Rear		6.00-9-10PR1)	
	3.5	Number of Wheels	Front/Rear (x=driven)	2x/2	
	3.6	Tread, Front	b4	mm 965	
	3.7	Tread, Rear	b3	mm 960	
Dimensions	4.1	Tilting Angle	α / β Forward/Backward	degree 6/12	
	4.2	Mast Height, Lowered	h1 2-stage Mast	mm 1995	
	4.3	Std. Free Lift	h2 2-stage Std. Mast, from Ground	mm 155	
	4.4	Std. Lift Height	h3 2-stage Std. Mast, from Ground	mm 3000	
	4.5	Mast Height, Extended	h4 2-stage Std. Mast	mm 4050	
	4.7	Height, Overhead Guard	h6	mm 2110	
	4.19	Length, with Std. Forks	L1	mm 3655	
	4.20	Length, to Fork Face	L2	mm 2580	
	4.21	Width, at Tyre	b1 Single	mm 1150	
	4.22	Forks	s/e/l Thickness x Width x Length	mm 40x122x1070	
	4.23	Fork Carriage Class	ISO 2328, Type A/B/no	Class 2,A	
	4.24	Width, Fork Carriage	b2	mm 1020	
	4.31	Ground Clearance	m1 Under Mast	mm 115	
4.32	m2 at Center of Wheelbase		mm 160		
4.33	Right Angle	Ast with L1000 x W1200 pallet	mm 3775		
4.34	Stacking Aisle	Ast with L1200 x W800 pallet	mm 3905		
4.35	Turning Radius	Wa	mm 2240		
Performance	5.1	Travel Speed (FWD)	Loaded, 1st/2nd	km/h 18.5[8.5/18.5]	
	Unloaded, 1st/2nd		km/h 19.0[8.5/19.0]		
	5.2	Lifting Speed	Loaded	mm/s 590	
	Unloaded		mm/s 630		
	5.3	Lowering Speed	Loaded	mm/s 450	
	Unloaded		mm/s 500		
	5.6	Max. Drawbar Pull	Loaded	KN 14[13]	
	5.8	Max. Gradeability	Loaded	% 23[22]	
5.10	Service Brake	Operation/Control	Foot/Hydraulic		
5.11	Parking Brake	Operation/Control	Hand/Mechanical		
5.12	Steering	Type	FHPS		
6.4	Battery	Voltage/ Capacity at 5-hour rating	V/ah 12/64		
I.C Engine	7.1	Maker Model			
	7.2	Rated Output, SAE net		KW 34.2@2200	
	7.3	Rated RPM		min-1 2200	
	7.3.1	Max. Torque, SAE net		Nm@min 162@1500	
7.4	No. of Cylinders/Displacement		cm ³ 4-3052		
Others	7.6	Fuel Tank Capacity		Ltr 58	
	8.2	Relief Pressure for Attachment		bar 181	

Standard Model

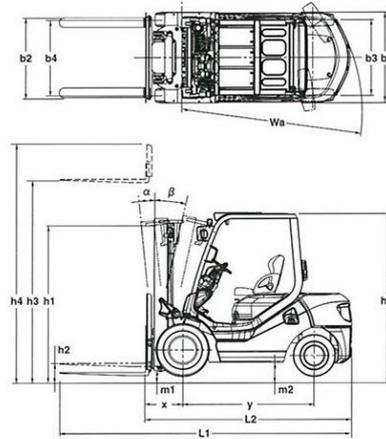
Load capacity curve 2-stage free view mast

Model ■ FG25,FD25,FG25H,FD25H



Note Load capacity at other than the 500mm load center reference only.

Dimensions





Mast Types available for Rent:

A. Standard Two(2) Stage Mast

A two stage mast offers great visibility and is ideal for moving loads in trailers.

2.5 Ton Forklift Dimension

Length : 2.7m
Width : 1.2m
Height : 2.8m (standard mast)
Gross Weight: 4,000kg



B. Container Three(3) Stage Mast

A three stage mast is the most versatile forklift mast and also the most popular. This mast type is a good choice for general warehouse applications. You can drive inside a container and lift up, without putting the mast of the forklift through the roof.

2.5Ton Forklift Dimension

Length: 2.7m
Width: 1.2m
Height: 2.2m (low mast)
Gross Weight: 4,000kg



C. High Mast

A high mast is designed for high stacking. It can reach a maximum fork height of 6,000mm.

2.5 Ton Forklift Dimension
Length : 2.7m
Width : 1.2m
Height : 2.9m (high mast)
Gross Weight: 4,000kg

