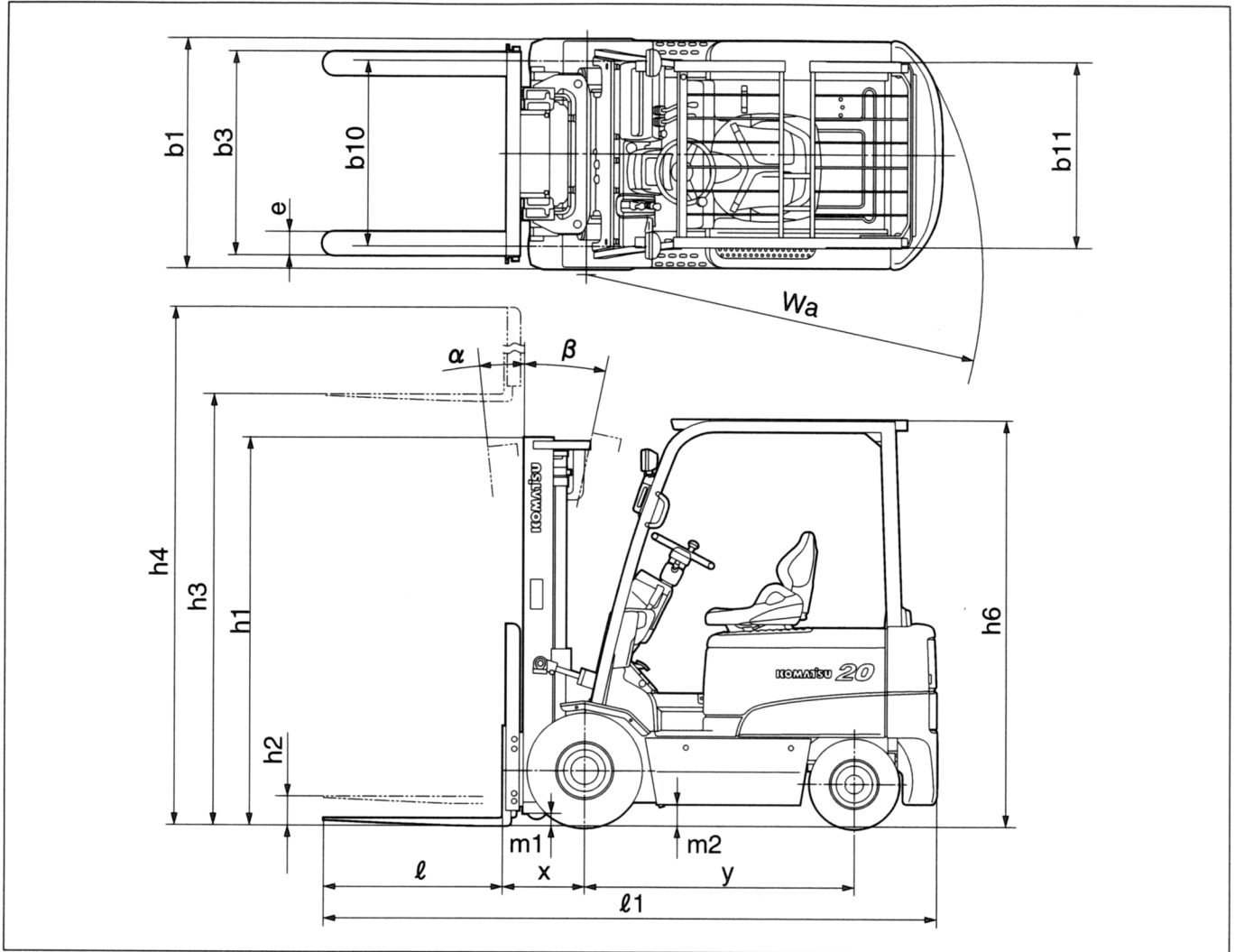


Specifications

	Model	Manufacturer's Designation		FB20EX-11	FB25EX-11	FB20EXG-11	FB25EXG-11		
		Q	Rated Capacity	kg	2000	2500	2000	2500	
Characteristics	1.2	Manufacturer's Designation		FB20EX-11	FB25EX-11	FB20EXG-11	FB25EXG-11		
	1.3	Power Type		Electric	Electric	Electric	Electric		
	1.4	Operation Type		Pedestrian, Driver standing, Sitting, Order picking	Sitting	Sitting	Sitting		
	1.5	Rated Capacity	Rated Capacity	kg	2000	2500	2000	2500	
	1.6	Load Center	Rated Load Center	mm	500	500	500	500	
	1.6.1	Alternative Capacity	Capacity @600mm Load Center	kg	1800	2200	1800	2200	
	1.8	Load Distance	Front Axle Center to Fork Face	mm	425	430	425	430	
	1.9	Wheelbase		mm	1400	1400	1550	1550	
	Weight	2.1	Service Weight		Including Min. Capacity Battery, See line 6.5	kg	3530	3960	4110
2.2		Axle Loading	Loaded	Front	kg	4860	5735	4985	5795
2.2.1			Rear	kg	670	725	1125	965	
2.3			Unloaded	Front	kg	1540	1520	1790	1800
2.3.1			Rear	kg	1990	2440	2320	2460	
Tyre	3.1	Tyre Type		Cushion, Elastic Cushion, Pneumatic, Polyurethane	Pneumatic	Pneumatic	Pneumatic	Pneumatic	
	3.2	Tyre Size		Front	23x9-10-16PR(I)	23x9-10-16PR(I)	23x9-10-16PR(I)	23x9-10-16PR(I)	
	3.3			Rear	18x7-8-16PR(I)	18x7-8-16PR(I)	18x7-8-16PR(I)	18x7-8-16PR(I)	
	3.5	Number of Wheel		Front/Rear(x=drive)	2x/2	2x/2	2x/2	2x/2	
	3.6	Tread, Front	b10	mm	940	940	940	940	
	3.7	Tread, Rear	b11	mm	950	950	950	950	
	Basic Measurement	4.1	Tilting Angle	α / β	Forward/Backward	degree	6/12	6/12	6/12
4.2		Mast Height, Lowered	h1	2-stage Std. Mast	mm	1995	1995	1995	1995
4.3		Std. Free Lift	h2	2-stage Std. Mast from Ground	mm	150	155	150	155
4.4		Std. Lift Height	h3	2-stage Std. Mast from Ground	mm	3000	3000	3000	3000
4.5		Mast Height, extended	h4	2-stage Std. Mast	mm	4050	4050	4050	4050
4.7		Height, Overhead Guard	h6		mm	2100	2100	2225	2225
4.19		Length, with Std. Forks	$\ell 1$		mm	3175	3365	3325	3480
4.20		Length, to Fork Face	$\ell 2$		mm	2255	2295	2405	2410
4.21		Width, at Tyre	b1	Single	mm	1165	1165	1165	1165
4.22		Forks	s/e/ ℓ	Thickness/Width/Length	mm	36 x 122 x 920	40 x 122 x 1070	36 x 122 x 920	40 x 122 x 1070
4.23		Fork Carriage Class	ISO 2328, Type A/B/no		ClassII, Type A	ClassII, Type A	ClassII, Type A	ClassII, Type A	
4.24		Width, Fork Carriage	b3		mm	1020	1020	1020	1020
4.31		Ground Clearance	m1	Under Mast	mm	110	110	110	110
4.32			m2	at Center of Wheelbase	mm	115	115	115	115
4.33		Right Angle Stacking Aisle	Ast	with L1000xW1200 pallet	mm	3425	3515	3515	3630
4.34	Ast		with L1200xW800 pallet	mm	3625	3645	3715	3760	
4.35	Turning Radius	Wa		mm	2000	2015	2090	2130	
Performance	5.1	Travel speed(FWD)	Loaded/Unloaded	km/h	14.5/16.5	14.0/16.0	14.5/16.5	14.0/16.0	
	5.2	Lifting Speed	Loaded/Unloaded	mm/s	290/530	260/530	290/530	260/530	
	5.3	Lowering Speed	Loaded/Unloaded	mm/s	450/500	450/500	450/500	450/500	
	5.6	Max. Drawbar Pull	Loaded, 3min, rating	N	12700	12700	12700	12700	
	5.8	Max. Gradeability	Loaded, 3min, rating/1.5km/h	%	22	20	22	20	
	5.10	Service Brake	Operation/Control		Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	Foot/Hydraulic	
	5.10.1	Parking Brake	Operation/Control		Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	Hand/Mechanical	
	5.10.2	Steering	Type		Power Steering	Power Steering	Power Steering	Power Steering	
Drive	6.1	Drive Motor	60 min, rating	kW	10.3	10.3	10.3	10.3	
	6.2	Pump Motor	5 min, rating	kW	10.0	10.0	10.0	10.0	
	6.2.1	PS Motor	60 min, rating	kW	0.6	0.6	0.6	0.6	
	6.4	Battery Voltage		V	48	48	48	48	
	6.4.1	Battery Capacity, Min.		Ah/5hr	450	565	935	935	
	6.4.2	Battery Capacity, Max.		Ah/5hr	700	700	1080	1080	
	6.5	Battery Weight	Min.Capacity Battery, See line 6.4.1	kg	820	925	1375	1375	
Others	8.1	Drive Motor Control			Transistor	Transistor	Transistor	Transistor	
	8.2	Relief Pressure for Attachment		bar	177	177	177	177	
	8.2.1	Reservoir Capacity		Ltr	25	26	25	26	

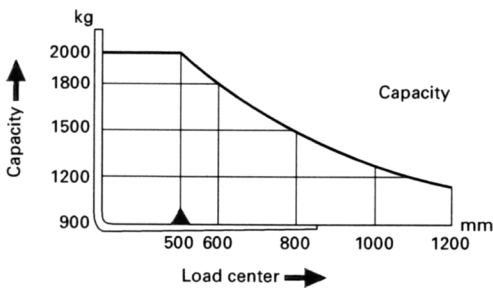
Performance may vary due to operating conditions. The performance shown represents nominal values under typical operating conditions. Specifications are subject to improvements and changes without notice.

Dimension



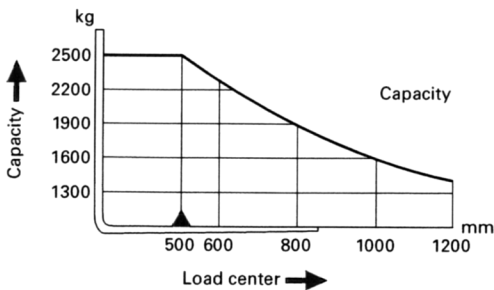
Mast selection & Capacity chart

FB20EX



Capacities shown are for trucks equipped with 2-stage view mast up through 4,000mm maximum fork height, 1020mm carriage, 920mm forks. Contact your distributor or dealer for capacity information with other equipment.

FB25EX



Capacities shown are for trucks equipped with 2-stage view mast up through 4,000mm maximum fork height, 1020mm carriage, 1070mm forks. Contact your distributor or dealer for capacity information with other equipment.

FB20/25EX(G)-11

Maximum fork height (mm)	Overall height (mm)		Load capacity* (kg)		Free lift (mm) h2		Back tilt restriction β
	Lowered h1	Extended h4	FB20EX(G)	FB25EX(G)	FB20EX(G)	FB25EX(G)	
2-stage view mast**							
3000	1995	4050	2000	2500	150	155	12°
3300	2145	4350					
3500	2245	4550					
3700	2345	4750					
4000	2545	5050	1900	2300			6°
4300	2695	5350					
4500	2795	5550					
4700	2945	5750	1600	1800			
5000	3095	6050					
2-stage full free view mast***							
3000	1995	4060	2000	2500	990	995	10°
3300	2145	4360			1140	1145	
3500	2245	4560			1240	1245	
3700	2345	4760			1340	1345	
4000	2545	5060			1540	1545	
3-stage full free view mast***							
4000	1895	5080	1900	2400	890	895	6°
4300	1995	5380	1850	2300	990	995	
4500	2070	5580	1800	2050	1065	1070	
4700	2145	5780			1140	1145	
5000	2245	6080	1550	1650	1240	1245	
5500	2445	6580	1150	1250	1440	1445	
6000	2645	7080	850	950	1640	1645	

* Load capacity at 500mm load center.

** 1000mm height load backrest.

*** Free lift and overall height(extended) shown are for truck with load backrest.

Performance specifications are affected by the condition of the vehicle, and how it is equipped as well as the nature and condition of the operating area. If these specifications are critical, please discuss the proposed application with your distributor or dealer.