

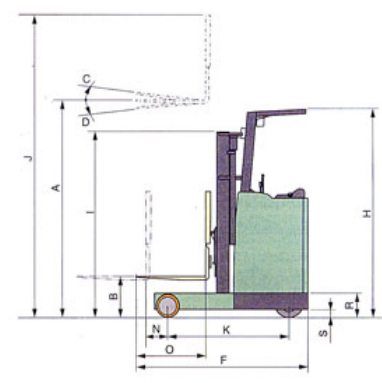
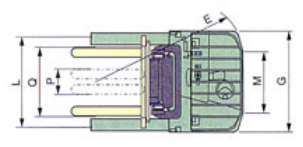
Specification

Model		1.0 TON			FBR-10 ~ 30
		8FBR10X	8FBR10LX	8FBR10LWX	
Performance					
Max. Load Capacity		kg	1,000		
Load Center		mm	500	500	500
Max. Lifting Height	A	mm	3,000	4,000	4,000
Free Lift	B	mm	105	105	945
Reach Stroke		mm	410	550	450
Tilting Angle	C/D	degree	5° / 3°		
Travel Speed	Unladen	km/h	11		
	Laden	km/h	9.5		
Lifting Speed	Unladen	mm/s	560	560	490
	Laden	mm/s	360	360	320
Min. Turning Radius	E	mm	1,340	1,470	
Gradeability (Laden: 5m)		%	10		
Dimensions					
Overall Length	F	mm	1,845	1,845	1,965
Overall Width	G	mm	1,090	1,090	1,190
Overall Height	H	mm	2,240		
	I	mm	1,995	2,495	1,845
	J	mm	3,930	4,930	4,930
Wheelbase	K	mm	1,110	1,250	1,250
Tread	Front	L	mm	988	1,088
	Rear	M	mm	635	
Front Overhang	N	mm	190	190	185
Fork Length	O	mm	770		
Fork Spread Width	P-Q	mm	225 - 730	225 - 730	225 - 830
Step Height	R	mm	295		
Min. Ground Clearance	S	mm	80		
Weight		kg	2,045	2,190	2,250
Tire					
Front Wheel			RUBBER 254 X 102		
Drive Wheel			RUBBER, 330 X 145		
Caster Wheel			RUBBER, 2 X 178 X 73		
Electrical Components					
Control System	Drive		FET inverter		
	Hoist		IGBT chopper		
	Steering		FET chopper		
Drive Motor	Type		AC induction		
	Rated Output	kW	4.5		
Hoist Motor	Type		DC series wound		
	Rated Output	kW	8		
Steering Motor	Type		DC permanent magnet		
	Rated Output	kW	0.3		
Battery					
Type			clad		
Voltage		V	48		
Capacity		Ah/5hr	201		



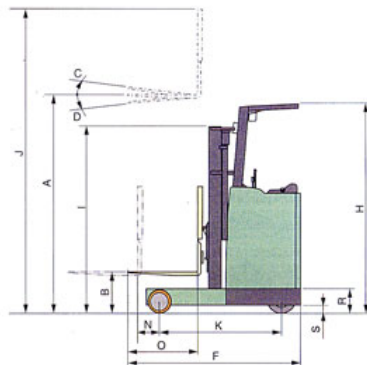
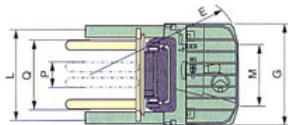
Options

- * Traction Control
- * Front Wheel brakes
- * Long fork
- * Extension fork
- * High brakereast
- * Wide carriage
- * Urethane tyre
- * Colored tyre
- * Head guard cover
- * Mast head guard
- * Front guard
- * Side mirror
- * Rear view mirror
- * Operator's light
- * Earth belt
- * Working light
- * Rotating light
- * Forward / reverse chime
- * Forward / reverse alarm
- * Freezer / cold store specs
- * Fisheries use specs
- * Battery irrigation device
- * Spare Battery
- * Battery stand
- * Large steering wheel



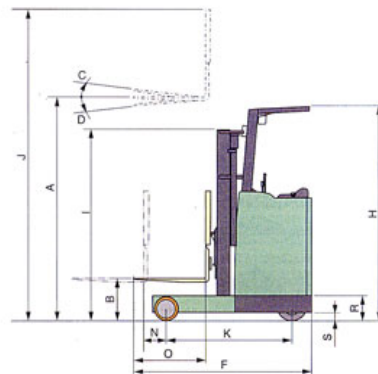
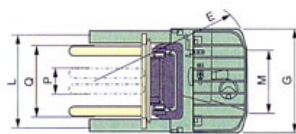
Specification

Model	1.25 TONS			1.35 TON			
	8FBR13X	8FBR13LX	8FBR13LWX	8FBR14X	8FBR14LX	8FBR14LWX	
Performance							
Max. Load Capacity	kgs	1,250			1,350		
Load Center	mm	500	500	500	500	500	500
Max. Lifting Height	A mm	3,000	4,000	4,000	3,000	4,000	4,000
Free Lift	B mm	105	105	945	105	105	945
Reach Stroke	mm	550	550	450	550	640	550
Tilting Angle	C/D degree	5° / 3°			5° / 3°		
Travel Speed	Unladen km/h	11			11		
	Laden km/h	9.5			9.5		
Lifting Speed	Unladen mm/s	560	560	490	560	560	470
	Laden mm/s	340	340	320	320	320	300
Min. Turning Radius	E mm	1,470			1,470	1,560	1,560
Gradeability (Laden: 5m)	%	10			10		
Dimensions							
Overall Length	F mm	1,925	1,925	2,045	1,925	1,925	2,035
Overall Width	G mm	1,090	1,090	1,190	1,090	1,090	1,190
Overall Height	H mm	2,240			2,240		
	I mm	1,995	2,495	1,845	1,995	2,495	1,845
	J mm	3,930	4,930	4,930	3,930	4,930	4,930
Wheelbase	K mm	2,250	1,250	1,250	1,250	1,340	1,340
Tread	Front L mm	988	988	1,088	988	988	1,088
	Rear M mm	635			635		
Front Overhang	N mm	190	190	188	190	190	188
Fork Length	O mm	850			850		
Fork Spread Width	P-Q mm	225 - 730	225 - 730	225 - 830	225 - 730	225 - 730	225 - 830
Step Height	R mm	295			295		
Min. Ground Clearance	S mm	80			80		
Weight	kgs	2,200	2,280	2,345	2,200	2,290	2,350
Tire							
Front Wheel		URETHANE 254 X 102			URETHANE 254 X 102		
Drive Wheel		RUBBER, 330 X 145			RUBBER, 330 X 145		
Caster Wheel		RUBBER, 2 X 178 X 73			RUBBER, 2 X 178 X 73		
Electrical Components							
Control System	Drive	FET inverter			FET inverter		
	Hoist	IGBT chopper			IGBT chopper		
	Steering	FET chopper			FET chopper		
Drive Motor	Type	AC induction			AC induction		
	Rated Output kW	4.5			4.5		
Hoist Motor	Type	DC series wound			DC series wound		
	Rated Output kW	8			8		
Steering Motor	Type	DC permanent magnet			DC permanent magnet		
	Rated Output kW	0.3			0.3		
Battery							
Type		clad			clad		
Voltage	V	48			48		
Capacity	Ah/5hr	201			201		



Specification

Model	1.5 TONS			1.8 TON			
	8FBR15X	8FBR15LX	8FBR15LWX	8FBR18X	8FBR18LX	8FBR18LWX	
Performance							
Max. Load Capacity	kgs	1,500			1,800		
Load Center	mm	500	500	500	500	500	500
Max. Lifting Height	A mm	3,000	4,000	4,000	3,000	4,000	4,000
Free Lift	B mm	105	105	945	105	105	945
Reach Stroke	mm	590	740	640	740	740	640
Tilting Angle	C/D degree	5° / 3°			5° / 3°		
Travel Speed	Unladen km/h	10.5			10.5		
	Laden km/h	9			9		
Lifting Speed	Unladen mm/s	560	560	470	560	560	470
	Laden mm/s	310	310	290	280	280	270
Min. Turning Radius	E mm	1,560	1,730	1,730	1,730	1785	1,730
Gradeability (Laden: 5m)	%	10			10		
Dimensions							
Overall Length	F mm	2,045	2,080	2,155	2,080	2,140	2,155
Overall Width	G mm	1,090	1,090	1,190	1,090	1,090	1,190
Overall Height	H mm	2240			2240		
	I mm	1,995	2,495	1,845	1,995	2,495	1,845
	J mm	3,930	4,930	4,930	3,930	4,930	4,930
Wheelbase	K mm	1,340	1,515	1,515	1,515	1,515	1,515
Tread	Front L mm	988	988	1,088	988	988	1,088
	Rear M mm	635			635		
Front Overhang	N mm	190	199	183	199	199	183
Fork Length	O mm	920			920		
Fork Spread Width	P-Q mm	225 - 730	225 - 730	225 - 830	225 - 730	225 - 730	225 - 830
Step Height	R mm	295			295		
Min. Ground Clearance	S mm	80			80		
Weight	kgs	2,330	2,345	2,400	2,350	2,475	2485
Tire							
Front Wheel		URETHANE 254 X 102			URETHANE 254 X 102		
Drive Wheel		RUBBER, 330 X 145			RUBBER, 330 X 145		
Caster Wheel		RUBBER, 2 X 178 X 73			RUBBER, 2 X 178 X 73		
Electrical Components							
Control System	Drive	FET inverter			FET inverter		
	Hoist	IGBT chopper			IGBT chopper		
	Steering	FET chopper			FET chopper		
Drive Motor	Type	AC induction			AC induction		
	Rated Output kW	4.5			4.5		
Hoist Motor	Type	DC series wound			DC series wound		
	Rated Output kW	8			8		
Steering Motor	Type	DC permanent magnet			DC permanent magnet		
	Rated Output kW	0.3			0.3		
Battery							
Type		clad			clad		
Voltage	V	48			48		
Capacity	Ah/5hr	280			280		



Specification

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Model		2.0 TONS		2.5 TON		3.0 Ton
		8FBR20X	8FBR20LX	8FBR25X	8FBR25LX	8FBR30X
Performance						
Max. Load Capacity	kgs	2000		2500		3000
Load Center	mm	500	500	500	500	500
Max. Lifting Height	A mm	3,000	4,000	3,000	4,000	3,000
Free Lift	B mm	150		150		155
Reach Stroke	mm	700	700	865	865	865
Tilting Angle	C/D degree	5° / 3°		5° / 3°		5° / 3°
Travel Speed	Unladen km/h	11.5		11.5		11
	Laden km/h	10		9.5		9
Lifting Speed	Unladen mm/s	500	500	500	500	420
	Laden mm/s	300	300	280	280	220
Min. Turning Radius	E mm	1,780	1,780	1,955	1,955	2055
Gradeability (Laden: 5m)	%	10		10		10
Dimensions						
Overall Length	F mm	2,190	2,190	2,195	2,195	2,300
Overall Width	G mm	1,165	1,165	1,220	1,220	1,220
Overall Height	H mm	2300		2300		2300
	I mm	1,995	2,620	1,995	2,620	2,020
	J mm	3,940	4,940	3,940	4,940	3,945
Wheelbase	K mm	1,525	1,525	1,700	1,700	1,800
Tread	Front L mm	1044	1044	1,086	1086	1086
	Rear M mm	715		715		715
Front Overhang	N mm	205	205	200	200	210
Fork Length	O mm	920		920		920
Fork Spread Width	P-Q mm	255 - 780	255 - 780	255 - 780	255 - 780	255 - 780
Step Height	R mm	350		350		350
Min. Ground Clearance	S mm	85		85		85
Weight	kgs	2,925	3,125	3,090	3,290	3,325
Tire						
Front Wheel		URETHANE Φ267 X 114		URETHANE Φ267 X 135		
Drive Wheel		URETHANE Φ394 x 152				
Caster Wheel		RUBBER, 2 X 204 x 74		RUBBER, 2 X 204 x 74		Urethane
Electrical Components						
Control System	Drive	FET inverter		FET inverter		
	Hoist	IGBT chopper		IGBT chopper		
	Steering	FET chopper		FET chopper		
Drive Motor	Type	AC induction		AC induction		
	Rated Output kW	5.2		5.2		
Hoist Motor	Type	DC series wound		DC series wound		
	Rated Output kW	11		11		
Steering Motor	Type	DC permanent magnet		DC permanent magnet		
	Rated Output kW	0.3		0.3		
Battery						
Type		clad		clad		
Voltage	V	48		48		
Capacity	Ah/5hr	312			370	
