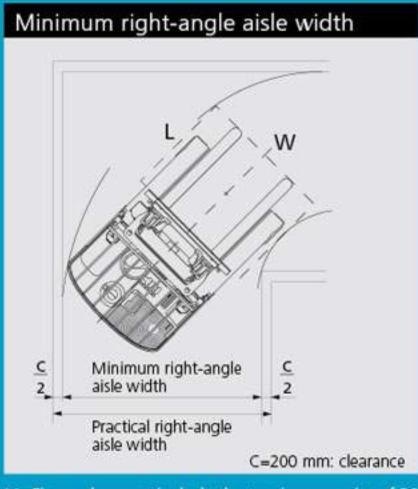
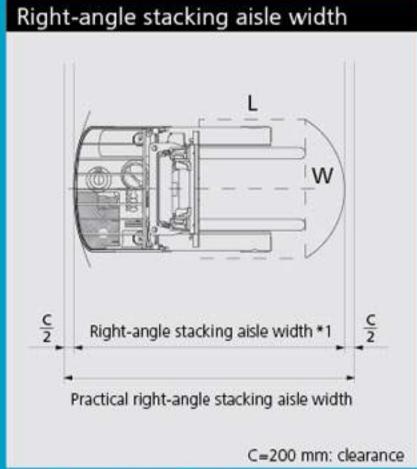
Aisl	e width (unit: mm	n) Pallet lei	ngth: L, Pallet wid	th: W	*The tabl	e below indi	cates the va	lue during A	WC (small to	urn radius co	ontrol) "Stac	king Mode"		
					Inte	ersecting (IA	and Right	-angle aisle	width	Rie	ght-angle st	acking (SA)	aisle width	*1
	Model	Type	Mast	L	800	1,000	1,000	1,000	1,100	800	1,000	1,000	1,000	1,100
		20/100		Battery W	1,100	1,000	1,100	1,200	1,100	1,100	1,000	1,100	1,200	1,100
				201 (front)	1,550	1,560	1,570	1,610	1,570	2,060	2,210	2,230	2,250	2,320
			Standard/Semi-free	201 (side), 260	1,550	1,560	1,570	1,610	1,570	2,070	2,220	2,240	2,270	2,330
1.0				280-370	1,560	1,560	1,570	1,610	1,580	2,130	2,290	2,310	2,330	2,400
1.0	8FBR10 S(J)XII	typeS		201, 260	1,560	1,560	1,570	1,610	1,580	2,100	2,250	2,270	2,290	2,360
ton	01 DK 10 3(3)/XII	Front (side)	2-stage full-free	280-370	1,560	1,560	1,570	1,610	1,580	2,160	2,320	2,330	2,360	2,430
			2	201, 260	1,560	1,560	1,570	1,610	1,580	2,100	2,250	2,270	2,290	2,360
			3-stage full-free	280-370	1,560	1,560	1,570	1,620	1,580	2,160	2,320	2,330	2,360	2,430
				201 (front)	1,630	1,630	1,640	1,690	1,650	2,060	2,210	2,230	2,260	2,320
			Standard/Semi-free	201 (side), 260	1,630	1,630	1,640	1,690	1,650	2,070	2,220	2,240	2,270	2,330
1 25				280-370	1,640	1,640	1,650	1,690	1,650	2,140	2,290	2,310	2,330	2,400
1.25	8FBR13 S(J)XII	typeS	2 -1 6 11 6	201, 260	1,640	1,640	1,650	1,690	1,650	2,100	2,250	2,270	2,290	2,360
ton		Front (side)	2-stage full-free	280-370	1,640	1,640	1,650	1,690	1,660	2,160	2,320	2,330	2,360	2,430
			2	201, 260	1,640	1,640	1,650	1,690	1,650	2,100	2,250	2,270	2,290	2,360
			3-stage full-free	280-370	1,640	1,640	1,650	1,690	1,660	2,160	2,320	2,330	2,360	2,430
				201 (front)	1,630	1,630	1,640	1,690	1,650	2,060	2,210	2,230	2,260	2,320
			Standard/Semi-free	201 (side), 260	1,630	1,630	1,640	1,690	1,650	2,070	2,220	2,240	2,270	2,330
1 25				280-370	1,640	1,640	1,650	1,690	1,650	2,140	2,290	2,310	2,330	2,400
1.35	8FBR14 S(J)XII	typeS	2 stopp full from	201, 260	1,640	1,640	1,650	1,690	1,650	2,100	2,250	2,270	2,290	2,360
ton		Front (side)	2-stage full-free	280-370	1,640	1,640	1,650	1,690	1,660	2,160	2,320	2,330	2,360	2,430
			3-stage full-free	201, 260	1,640	1,640	1,650	1,690	1,650	2,100	2,250	2,270	2,290	2,360
			5-stage ruii-free	280-370	1,640	1,640	1,650	1,690	1,660	2,160	2,320	2,330	2,360	2,430
		typeC	Standard/Semi-free	260	1,690	1,690	1,700	1,740	1,700	2,090	2,230	2,250	2,280	2,340
	8FBR15 C(J)XII	type C Front (side)	Full-free	260	1,690	1,690	1,700	1,740	1,700	2,100	2,250	2,270	2,300	2,360
		Trorresidey	3-stage full-free	260	1,690	1,690	1,700	1,740	1,700	2,100	2,250	2,270	2,300	2,360
	A CONTROL OF THE STREET, SALE	types	Standard/Semi-free	280-370	1,690	1,690	1,700	1,740	1,700	2,140	2,290	2,310	2,330	2,400
1.5	8FBR15 S(J)XII	type S Front (side)	2-stage full-free	280-370	1,690	1,690	1,700	1,740	1,710	2,160	2,320	2,330	2,360	2,430
1.5		. 15/11/5/5/5/5/	3-stage full-free	280-370	1,690	1,690	1,700	1,740	1,710	2,160	2,320	2,330	2,360	2,430
ton	SECTION OF A CONTRACT AND A CONTRACT	typeA	Standard/Semi-free	280-370	1,800	1,790	1,800	1,840	1,810	2,140	2,290	2,310	2,340	2,400
	8FBR15 A(J)XII	type A Front (side)	2-stage full-free	280-370	1,800	1,790	1,800	1,850	1,810	2,190	2,360	2,370	2,390	2,470
			3-stage full-free	280-370	1,800	1,790	1,800	1,850	1,810	2,190	2,360	2,370	2,390	2,470
	8FBR15 W(J)XII	typeW Front(side)	3-stage full-free	280-370	1,850	1,850	1,850	1,870	1,860	2,190	2,360	2,370	2,390	2,470
		tunos	Standard/Semi-free	280-370	1,800	1,790	1,800	1,840	1,810	2,140	2,290	2,310	2,340	2,400
	8FBR18 S(J)XII	typeS	2-stage full-free	280-370	1,800	1,790	1,800	1,850	1,810	2,190	2,360	2,370	2,390	2,470
	100000	Front (side)	3-stage full-free	280-370	1,800	1,790	1,800	1,850	1,810	2,190	2,360	2,370	2,390	2,470
1.8		tuno A	Standard/Semi-free	280-370	1,820	1,820	1,830	1,870	1,840	2,170	2,320	2,340	2,370	2,430
ton	8FBR18 A(J)XII	type A Front (side)	2-stage full-free	280-370	1,820	1,820	1,830	1,870	1,840	2,220	2,390	2,400	2,420	2,500
		riont (side)	3-stage full-free	280-370	1,820	1,820	1,830	1,870	1,840	2,220	2,390	2,400	2,420	2,500
	8FBR18 W(J)XII	typeW Front(side)	3-stage full-free	280-370	1,850	1,850	1,850	1,870	1,860	2,190	2,360	2,370	2,390	2,470





For the forklift driver operations, inspection and maintenance, always read the instruction manual and follow the instructions correctly.



SUMITOMO NACCO FORKLIFT CO., LTD., the manufacturer of forklifts and logistic equipment, is the company obtained the approval of ISO9001 and ISO14001.

Manufactured by

## SUMITOMO NACCO FORKLIFT CO.,LTD.

2-75, Daitoh-cho, Obu-shi, Aichi-ken, 474-8555 JAPAN Phone: 81-562-48-5251 Fax: 81-562-48-5396

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SUMITOMO NACCO FORKLIFT SALES CO.,LTD.

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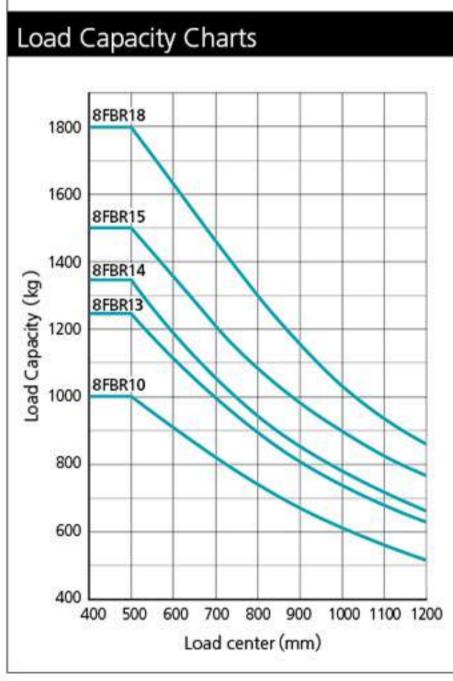
<sup>\*1:</sup> Figure does not include the turning capacity of 200 mm in the practical right-angle stacking aisle width.

<sup>\*</sup>The actual features and specifications may differ from those described in the catalog.

\*The color of the photographs in this catalog may differ slightly from the actual color depending on the ink quality.

		Model/Type/Batte	ry Pullout	type	1.0 ton	1.25 ton	1.3	35 ton		1.5	ton			1.8 ton	
					8FBR10 S(J)XII	8FBR13 S(J)XII	8FBR	14 S(J)X <b>II</b>	8FBR15 C(J)XII	8FBR15 S(J)XII	8FBR15 A(J)XII	8FBR15 W(J)XII	8FBR18 S(J)XII	8FBR18 A(J)XII	8FBR18 W(J)XII
					type S	type S	t	ype S	type C	type S	type A	typeW	typeS	type A	type W
Item/Symbol					Front Side	Front Side	Front	Side	Front Side	Front Side	Front Side	Front Side	Front Side	Front Side	Front Side
	Maximum load capacit	ty	kg		1,000	1,250	1	,350	1,500	1,500	1,500	1,500	1,800	1,800	1,800
	Standard load center		mm		500	500		500	500	500	500	500	500	500	500
	Standard lifting height		mm	E	3,000	3,000	3	,000	3,000	3,000	4,000	4,000	3,000	4,000	4,000
	Free lift		mm	F	113	113		113	113	113	113	995	113	113	995
	Reach stroke		mm		455 440	595 580	595	580	660	595	770	705	770	770	705
Performance	Tilting angle (up/dowr	1)	deg	G/H	5°/3°	5°/3°	!	5°/3°	5°/3°	5°/3°	5°/3°	5°/3°	5°/3°	5°/3°	5°/3°
	Travel speed	(Laden)	km/h		9.5	9.5		9.5	9.0	9.0	9.0	9.0	9.0	9.0	9.0
	naver speed	(Unladen)	km/h		11.0	11.0		11.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5
	Lifting speed	(Laden)	mm/s		360	340		320	310	310	310	280	280	280	250
	Lifting speed	(Unladen)	mm/s		560	560		560	560	560	560	470	560	560	450
	Minimum turning radio	us (outer)	mm	I	1,360	1,495	1	,495	1,580	1,580	1,755	1,755	1,755	1,785	1,755
	Overall length (with fo	ork)	mm	A+K	1,840 1,855	1,920 1,935	1,920	1,935	2,015	2,080	2,080	2,145	2,080	2,110	2,145
	Overall width		mm	L	1,090	1,090	1	,090	1,090	1,090	1,090	1,190	1,090	1,090	1,190
	Mast lowered height		mm	В	1,995	1,995	1	,995	1,995	1,995	2,495	1,895	1,995	2,495	1,895
	Max mast height w/b	oackrest	mm	N	3,935	3,935	3	,935	3,935	3,935	4,935	4,925	3,935	4,935	4,925
	Head guard height		mm	M	2,240	2,240	2	,240	2,240	2,240	2,240	2,240	2,240	2,240	2,240
	Step height		mm	S	250	250		250	250	250	250	250	250	250	250
Dimensions	Fork length		mm	Α	770	850		850	920	920	920	920	920	920	920
	Fork spread width (ma	ximum)	mm	D	725	725	-	725	725	725	725	825	725	725	825
	Fork spread width (mir	nimum)	mm	С	290	290		290	290	290	290	290	290	290	290
	Wheel base		mm	0	1,110	1,250	1	,250	1,340	1,340	1,515	1,515	1,515	1,515	1,515
	Tread (front/rear)		mm	P/Q	980/640	980 / 640	99	0 / 640	990/640	990 / 640	990/640	1,090 /640	990/640	990/640	1,090/640
	Minimum ground clea	rance	mm	R	70	70		70	70	70	70	70	70	70	70
	Vehicle weight		kg		2,035	2,095		,140	2,225	2,230	2,315	2,335	2,315	2,415	2,435
	Front wheel				Rubber; Φ255×114	Rubber; Φ255×114		e; Φ254×102	Urethane; Φ254×102	6T	Urethane; $\phi$ 254×10			Urethane; $\phi$ 254×102	
lires .	Drive wheel		-		Rubber; φ330×145	Rubber; φ330×145		φ330×145	Rubber; φ330×145		Rubber; φ330×145			Rubber; $\phi$ 330×145	
	Caster wheel		-		Rubber; φ150×80	Rubber; φ150×80	100/11	; φ150×80	Rubber; φ150×80		Rubber; φ150×80			Rubber; $\phi$ 150×80	
	Travel	Control type		$\perp$	FET inverter	FET inverter	10.000	inverter	FET inverter		FET inverter			FET inverter	
		Output	kW		4.5	4.5		4.5	4.5		4.5			4.5	
Electrical	Hoist	Control type	\$0.0004490		FET inverter	FET inverter		inverter	FET inverter		FET inverter			FET inverter	
components	1444401180X	Output	kW		9.6	9.6	15000	9.6	9.6		9.6			9.6	
	Steering	Control type			FET chopper	FET chopper	100000	chopper	FET chopper		FET chopper			FET chopper	
	A500	Output	kW		0.3	0.3	10	0.3	0.3		0.3			0.3	
	Rechargeable battery	Voltage × Capacity	V×Ah		48 / 201	48 / 201	4	8 / 201	48 / 260		48 / 280			48/280	

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\*Front : Front battery removal Side : Side battery removal

Turning speed control

Travel and load handling interlock Front protector

		Standard specs/accessories	Optional specs/accessories			Standard specs / accessories	Optional specs / accessories					
		Hoist AC motor	Lift / tilt / reach-speed limiter			Neutral start	Elbow guard					
	Hoist related	Soft landing	PCS *1			Slope speed limiter	Rear rubber bumper					
		High-visibility wide mast	Simple load weight scale	Safety		Anti-rollback	Rear bumper (floor elongation shape					
		Suspension lock control	Large diameter steering wheel			Volume adjustable type reversing buzzer	Forward/back movement chime					
	Steering related	AWC (small radius turning control)					Forward/back melodic chimer					
	Total Co.	Small diameter steering wheel			Display *2	LCD display	Full function display (Full-dot LCD)					
		Travel IPM motor	Speed limiter	Economy		BDI interrupt	Spare battery					
Workability	Travel related	Neutral brake switchback regeneration	Head guard low overall height type	Economy	Battery	(stop hoisting at over discharging)						
vvorkability		Travel speed/power adjustment/speed limiter				Auto power off	Battery carrier					
		Headlights	LED headlights				Fisheries use spec. (Up to -10°C)					
		Turning indicators	LED auto lights (light sensitive type)				General freezer refrigerator spec.					
			Safety laser				(Up to -35℃ /-45℃)					
	Lamp related		Carriage light	Environ	nental specs.		Fisheries use freezer refrigerator spe					
			LED rotating light				(Up to -35℃ /-45℃)					
			LED work light				Anti-rust spec.					
			LED room light				Anti-dust spec.					
		Low vibration suspension system	Back support	at Defe								
		Shock-less steering	High-back support			art to finish loading/unloading, auto-stop at r ay/full function display function details, refer						
Com	nfortability	Low floor	Acrylic top cover		H.	splay/full function display function details, refer to the Cost Efficiency page (page 11).						
		Waist band	Caster Spacer Suspension									
		Manifest clip										
		CHRISTON CONTRACTOR CONTRACTOR CONTRACTOR	20 (20) (20) (20) (20) (20) (20) (20) (2									

Anti-skid traction control

			1.0	tor	1	1	.25	to	n	1	1.35	to	า						1	1.5	ton	1									1.8	ton			
			8FBF	R10S				R13S			LOS COLONIAS	R14S	_		8FBF	15C		- 8	8FBF		_		8FBF	R15A		8FBR15W		8FBF	R185				R18A		8FBR18W
			typ	oe S			typ	e S			typ	e S			typ	e C		type S			type A typeW				type S				type A				typeW		
	Mast type	Standard	Semi-free	2Full-free	3Full-free	Standard	Semi-free	2Full-free	3Full-free	Standard	Semi-free	2Full-free	3Full-free	Standard	Semi-free	2Full-free	3Full-free	Standard	Semi-free	2Full-free	3Full-free	Standard	Semi-free	2Full-free	3Full-free	3Full-free	Standard	Semi-free	2Full-free	3Full-free	Standard	Semi-free	2Full-free	3Full-free	3Full-free
	2,500	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0							0	0	0						
	2,700	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0							0	0	0						
	3,000	•	0	0		•	0	0		•	0	0		•	0	0		•	0	0							•	0	0						
	3,300	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0							0	0	0						
	3,500	0	0	0		0	0	0		0	0	0		0	0	0		0	0	0							0	0	0						
	3,700		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0	0	0	0	0					0
n ven viin	4,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	•	0	0	0	•	0	0	0	0	•	0	0	0	•
Max. lifting height	4,300				0				0				0				0				0				0	0				0				0	0
mast designation)	4,500	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0	0	0	0		0	0	0		0	0
	4,700				0		-		0				0	-			0				0				0	0				0				0	0
	5,000	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0	0	0		0	0	0	0		0	0	0		0	0
	5,500				0				0				0				0				0				0	0				0				0	0
	6,000				0				0				0				0				0				0	0				0				0	0
	6,500																0				0				0	0				0				0	O
	7,000	pestar	December 1	000000	00000	ole ne ne	22220	statt	35555	000000	tatata	potabl	20000	15323	100000	001800	0	55555	525500	atsic	0	1000018	10001	100000	0	0	12.000	010100	10200	0	stecto	100000	petose	0	0
	7,500	2007	1			12214	1	*****	*****	*****	*****	*****		VX C.E.	77144	*****	0	111111	*****	****	0		****	*****	0	0		*****	-	0		100	Y - X -	0	0

Special order will be needed for the product with the mast lifting over 6,000, please feel free to contact us for detailed information.

Battery	●:Ba	sic O:O	ption																			
	1.0	ton	1.25 ton 8FBR13S		1.35	ton	1.5 ton									1.8 ton						
	8FBF	R10S			8FBR14S type S		8FBR15C typeC		8FBR15S type S		8FBR15A type A		8FBR15W type W		8FBF	R18S	8FBF	R18A	8FBR18W			
	typeS		typ	e S											type S		type A		type W			
Battery capacity	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side	Front	Side		
201Ah/5h (48V)	•	•	•	•	•	•																
260Ah/5h (48V)	0	0	0	0	0	0	•	•														
280Ah/5h (48V)	0	0	0	0	0	0			•	•	•	•	•	•	•	•	•	•	•	•		
340Ah/5h (48V)	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0		
370Ah/5h (48V)	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0		

\*Front : Front battery removal Side : Side battery removal

Safety