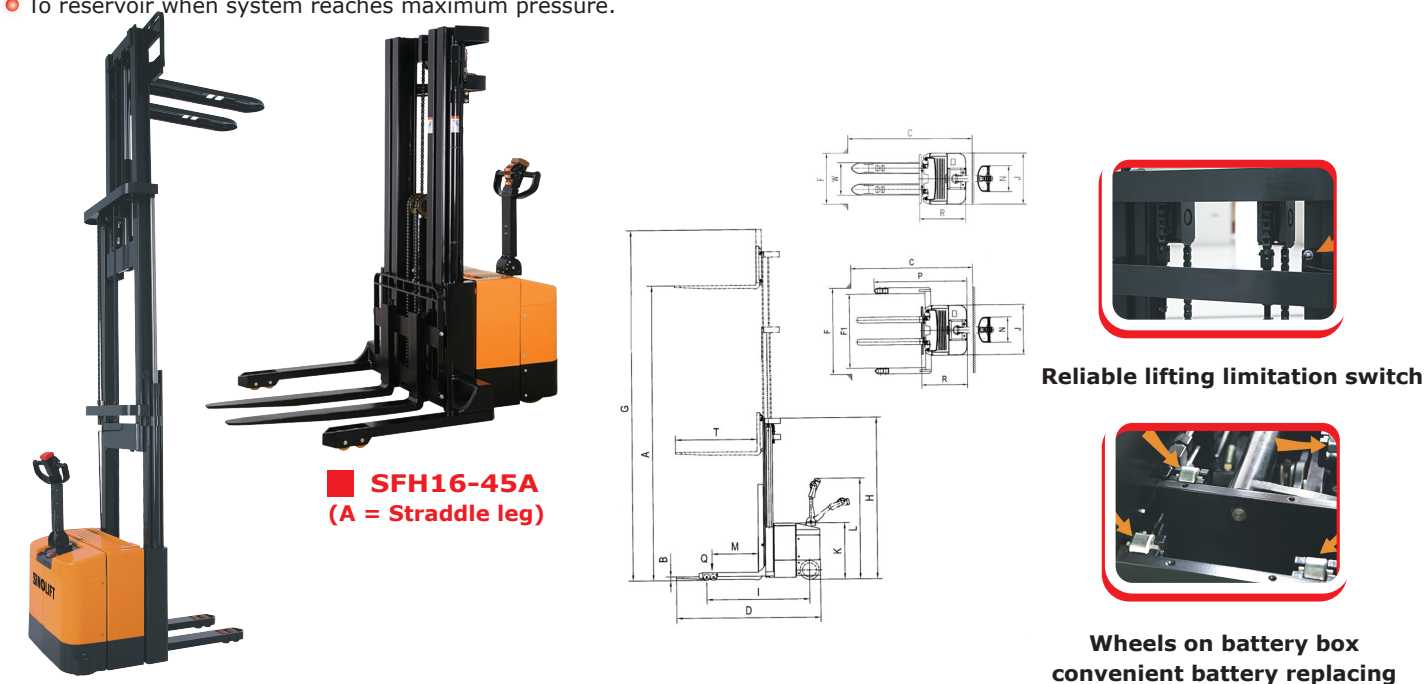


Triplex Mast Electric Stacker

- Triplex mast with full free lifting, the original Germany made mast to keep the high quality and good performance.
- Walkie & Rider operation type option, Straddle leg option available.
- Heavy duty motor, gear pump, relief valve. Overload pressure relief valve protects system from pressure overload and bypasses oil.
- To reservoir when system reaches maximum pressure.



■ SFH16-45A
(A = Straddle leg)

Reliable lifting limitation switch

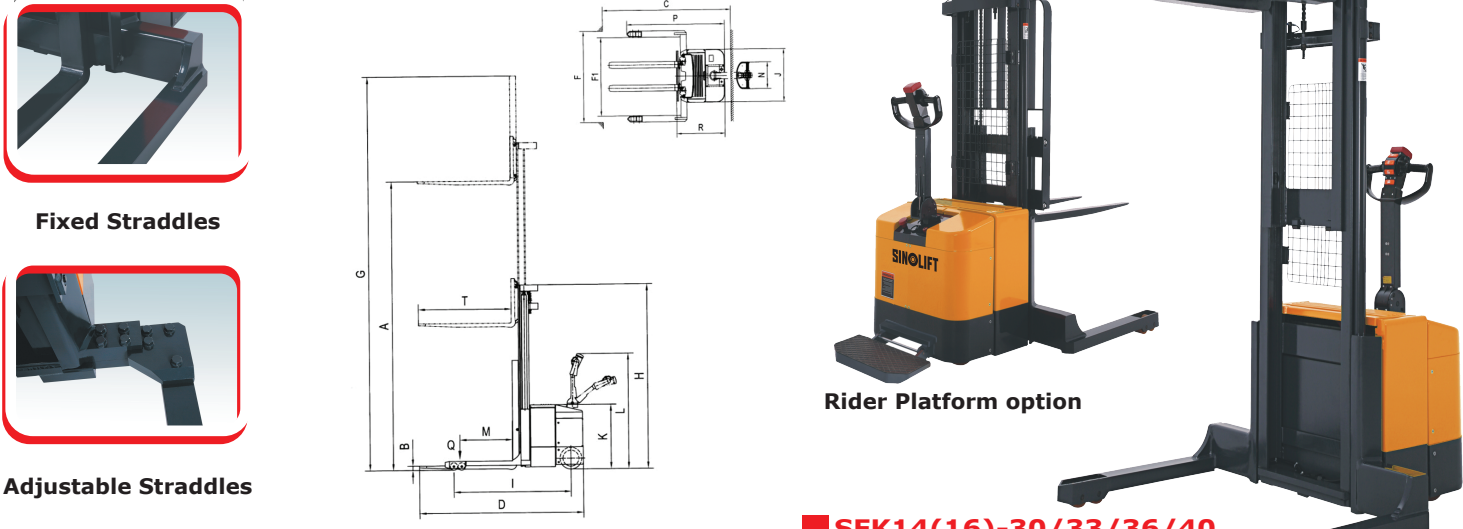
Wheels on battery box
convenient battery replacing

1KG=2.2LB 1INCH=25.4MM

Model				SFH16-45	SFH16-45A
Characteristic		capacity	kg	1600	1600
	M	load centre	mm	600	600
		operator type		walkie(rider option)	
	A	maximum lifting height	mm	4500	4500
	B	lowered height of fork	mm	90	90
		standard fork width	mm	540	Adjustable
		stabdard fork length	mm	1150	1110
		fork width	mm	185	100
		minimum turning radius	mm	1512	1512
	C	minimum aile width	mm	2810	2810
		minimum ground clearance	mm	30	30
Performance	minimum travelspeed	laden	km/h	3	3
		unladen	km/h	3.5	3.5
	minimum lifting speed	laden	m/s	0.13	0.13
		unladen	m/s	0.23	0.23
	minimum lowering speed	laden	m/s	0.13	0.13
		unladen	m/s	0.23	0.23
	gradeability	laden	%	5	5
		unladen	%	7	7
Weigth		service weigth without battery(3m standard)	kg	1251	1251
		service weigth with battery(3m standard)	kg	1557	1557
	D	overall length(3m standard)	mm	1905	1905
	F	overall width	mm	850	1470
	L	overall rear height	mm	1320	1320
	R	rear body length	mm	795	795
	J	rear body width	mm	850	850
	K	rear body height	mm	850	850
	N	handle width	mm	430	430
	G	mast extend heighr(3m/3.3m/3.6m/4m)	mm	5180	5180
wheel	H	mast lower heighr(3m/3.3m/3.6m/4m)	mm	2135	2135
		wheel type front/rear		poly/poly	poly/poly
		dimension of driven wheel	mm	φ 248*75	φ 248*75
		dimension of load wheel	mm	φ 84*75	φ 84*75
		dimension of universal wheel	mm	φ 149*48	φ 149*48
	I	wheel base	mm	1367	1357
Brake				electromagnetic	
Motor		travelling	kw	2.2	2.2
		lifing	kw	3	3
Battery		voltage	v	24v	24v
		capacity	Ah	280Ah	280Ah
Control		control system		CURTIS 1243	CURTIS 1243

Straddle Leg Electric Stacker

- Straddle leg design suitable for two faces pallet or low pallet.
- Walkie & Rider operation type option, Adjustable straddle leg option available.
- On/Off key switch, emergency power cutoff switch and hour meter/battery discharge indicator mounted on dash.
- Clear view mast with exterior lift cylinders for excellent forward visibility.
- Automatic neutral braking on throttle release.
- Braking activation at top and bottom of handle working range.



Fixed Straddles

Adjustable Straddles

Rider Platform option

■ SFK14(16)-30/33/36/40

Model				SFK14(16)-30/33/36/40		SFK14(16)-30/33/36/40
Characterististics		capacity	kg	1400(1600)	lbs.	3000(3500)
	M	load centre	mm	600	inch	24
		operator type		Walkie(rider option)		Walkie(rider option)
Specifications	A	maximum lifting height	mm	3000/3300/3600/4000	inch	118/142/157
	B	lowered height of fork	mm	50	inch	2
		standard fork length	mm	1110	inch	44
		fork width	mm	100	inch	4
		minimum turning radius	mm	1482	inch	58
	C	minimum aisle width	mm	2780	inch	109
		minimum ground clearance	mm	30	inch	1.2
		maximum travel speed	Laden km/h	3	mph	2.9
performance			unladen m/h	3.5	mph	3.2
		maximum lifting speed	Laden m/s	0.13	inch/s	5.4
			unladen m/s	0.23	inch/s	12
		maximum lowering speed	Laden m/s	0.13	inch/s	5.4
			unladen m/s	0.23	inch/s	12
		gradeability	Laden %	5	%	5
			unladen %	7	%	7
Weight		self weight without battery (3m standard)	kg	844	lbs.	1860
		self weight with battery (3m standard)	kg	1150	lbs.	2920
chassis	D	overall length (3m standard)	mm	1875	inch	75
	P	length	mm	1582	inch	62
	F	straddle OD	mm	1470	inch	58
	F1	straddle ID	mm	1270	inch	50
	*	straddle OD(with Adjustable Straddle)	mm	1470/1320/1160	inch	58/52/46
	*	straddle ID(with Adjustable Straddle)	mm	1270/1120/960	inch	50/44/38
	L	overall rear height	mm	1320	inch	52
	R	rear body length	mm	765	inch	30
Wheel	J	rear body width	mm	850	inch	33
	K	rear body height	mm	750	inch	30
	N	handle width	mm	430	inch	17
	G	mast extend height (3m/3.3m/3.6m/4m)	mm	4198/4498/4798/5195	inch	165/177/189/205
	H	mast lower height (3m/3.3m/3.6m/4m)	mm	2135/2135/2335/2535	inch	84/84/92/100
		wheel type type front/rear		Poly/poly		4000r Poly/poly
		dimension of driven wheel	mm	φ 248*75	inch	φ 9.8*3
		dimension of load wheel	mm	φ 84*70	inch	φ 3.3*2.8
Brake		dimension of universal wheel	mm	φ 149*48	inch	φ 5.8*1.8
	I	wheel base	mm	1307	inch	51
Motor				Electromagnetic		Electromagnetic
		travelling	kw	0.93kw	HP	1.25
Battery		lifting	kw	3kw	HP	4
		voltage	V	24v	V	24v
Control		capacity	Ah	280Ah	Ah	280Ah
		control system		CURTIS 1243		CURTIS 1243

Remark 1. Performance may vary due to motor and system efficiency tolerances and represents normal values under typical operating conditions.
2. Customization is available.



SF(S/F/W/H/K) Series

Power Stacker

ISO9001
CE



SINOLIFT MATERIAL HANDLING EQUIPMENT CORP.

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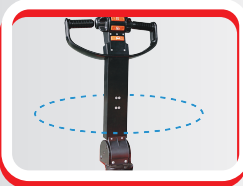
WEB: www.sinolift.com





Mini Electric Stacker

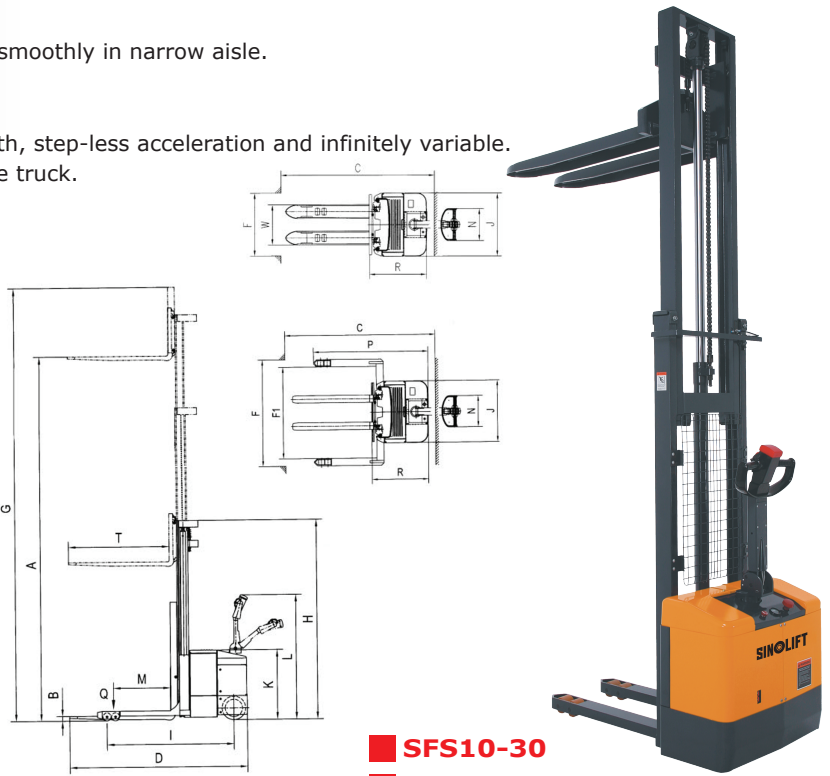
- Light, delicate and smart styles make your work smoothly in narrow aisle.
- Only walkie operation type.
- With Free Maintenance battery.
- Advanced Curtis PMC drive controller gives smooth, step-less acceleration and infinitely variable speed control. providing superior command of the truck.



Easy operation handle
3-lowering speed make convenient unloading



Butterfly cover design for easy maintenance
Easy charging plug
Maintenance free battery



■ SFS10-30

■ SFS10-33

1KG=2.2LB 1INCH=25.4MM

Forkover Electric Stacker

- Full-free lifting design available for container using and inside closed trailer.
- Walkie & Rider operation type option.
- Safety screening protects operator during lifting and lowering.
- The mast fabrication is of cold drawn steel giving great rigidity.
- Advanced Curtis PMC drive controller gives smooth, step-less acceleration and infinitely variable speed control. providing superior command of the truck.

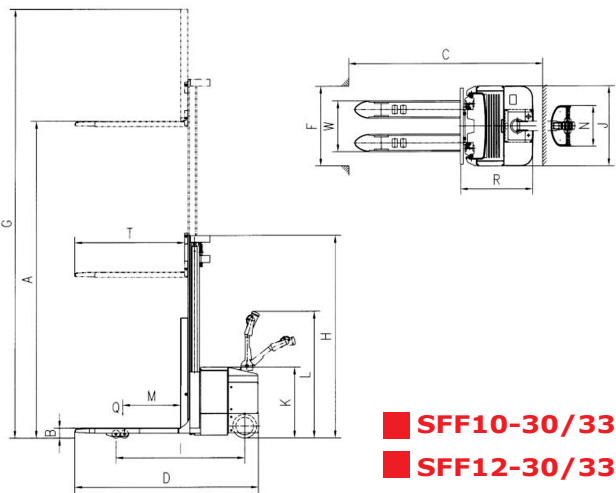


Middle full-free lifting cylinder



Folding Platform option

FULL FREE LIFT MAST



■ SFF10-30/33

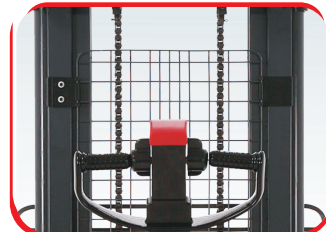
■ SFF12-30/33



1KG=2.2LB 1INCH=25.4MM

Forkover Electric Stacker

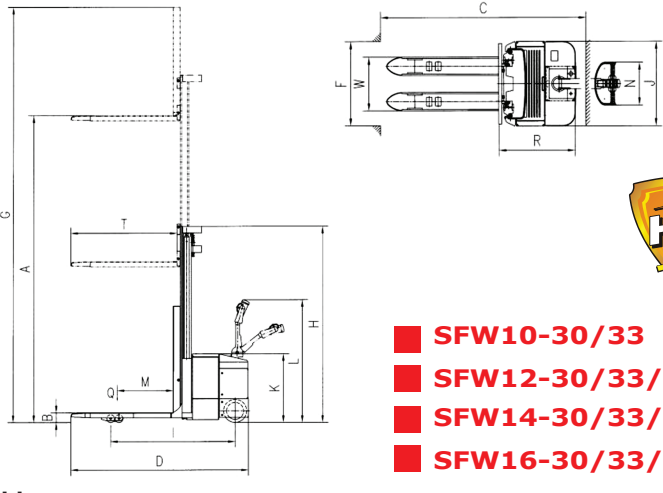
- Wide-view mast installed, and high visibility is specially designed on mast with laterally mounted lifting cylinder.
- Walkie & Rider operation type option.
- Programmable electronics allow customer setting.
- Durable long lift gearbox with adequate ventilation.
- Powerful separately excited motor with high overload capacity.



Wide view mast



WIDE VIEW MAST



■ SFW10-30/33

■ SFW12-30/33/36/40

■ SFW14-30/33/36/40

■ SFW16-30/33/36/40



Folding Platform option available

Model			SFW10-30/33	SFW12-30/33/36/40	SFW14-30/33/36/40	SFW16-30/33/36/40
Characteristics	capacity	kg	1000	1200	1400	1600
	load center	mm	600	600	600	600
Specifications	operator type		Walkie (rider option)			
	maximum lifting height	mm	3000/3300	3000/3300/3600/4000	3000/3300/3600/4000	3000/3300/3600/4000
Performance	lowered height of fork	mm	80	80	80	80
	standard fork width	mm	540	540	540	540
Weight	standard fork length	mm	1150	1150	1150	1150
	fork width	mm	185	185	185	185
Chassis	minum turning radius	mm	1405	1405	1482	1482
	minum aisle width	mm	2702	2702	2780	2780
Motor	minum ground clearance	mm	30	30	30	30
	maximum travel speed	laden unladen	km/h km/h	3 3	3 3	3 3
Brake	maximum lifting speed	laden unladen	m/s m/s	0.13 0.13	0.13 0.13	0.13 0.13
	maximum lowering speed	laden unladen	m/s m/s	0.13 0.13	0.13 0.13	0.13 0.13
Battery	gradeability	laden unladen	% %	5 7	5 7	5 7
	Self weight without battery (3m standard)	kg	839	839	855	855
Wheel	Self weight with battery (3m standard)	kg	1020	1145	1161	1161
	overall length	mm	1797	1797	2004	2004
Motor	Overall width	mm	800	800	850	850
	Overall rear height	mm	1320	1320	1320	1320
Brake	rear body length	mm	820	820	820	765
	rear body width	mm	800	800	850	850
Battery	rear body height	mm	750	750	750	850
	handle width	mm	430	430	430	430
Motor	max extend height (3m/3.3m/3.6m/4m)	mm	3700	3500/3800/4100/4500	3500/3800/4100/4500	3500/3800/4100/4500
	max lower height (3m/3.3m/3.6m/4m)	mm	2300	2135/2135/2335/2535	2135/2135/2335/2535	2135/2135/2335/2535
Wheel	wheel type front/rear		Poly/poly	Poly/poly	Poly/poly	Poly/poly
	dimension of driven wheel	mm	φ 248*75	φ 248*75	φ 248*75	φ 248*75
Brake	dimension of load wheel	mm	φ 84*70	φ 84*70	φ 84*70	φ 84*70
	dimension of universal wheel	mm	φ 90*48	φ 90*48	φ 90*48	φ 90*48
Motor	wheel base	mm	1307	1229	1307	1307
			electromagnetic			
Battery	travelling	kw	0.93	0.93	0.93	0.93
	lifting	kw	3	3	3	3
Control	voltage	v	24v	24v	24v	24v
	capacity	Ah	135	210	280	280
Motor	control system		CURTLS 1243	CURTLS 1243	CURTLS 1243	CURTLS 1243

Model			SFF10-30/33	SFF12-30/33
Characteristics	capacity	kg	1000	1200
	load center	mm	600	600
Specifications	operator type		Walkie (rider option)	
	maximum lifting height	mm	3000/3300	3000/3300
Performance	lowered height of fork	mm	80	80
	standard fork width	mm	540	540
Weight	standard fork length	mm	1150	1150
	fork width	mm	185	185
Chassis	minum turning radius	mm	1482	1482
	minum aisle width	mm	2780	2780
Motor	minum ground clearance	mm	30	30
	maximum travel speed	laden unladen	km/h km/h	3 3.5
Brake	maximum lifting speed	laden unladen	m/s m/s	0.13 0.23
	maximum lowering speed	laden unladen	m/s m/s	0.13 0.23
Battery	gradeability	laden unladen	% %	5 7
	Serv weight without battery (3m standard)	kg	855	855
Wheel	Serv weight with battery (3m standard)	kg	1050	1161
	overall length	mm	2004	2004
Motor	Overall width	mm	850	850
	Overall rear height	mm	1320	1320
Brake	rear body length	mm	820	820
	rear body width	mm	800	850
Battery	rear body height	mm	750	750
	handle width	mm	430	430
Motor	max extend height (3m/3.3m/3.6m/4m)	mm	3700	3700
	max lower height (3m/3.3m/3.6m/4m)	mm	2100	2100
Wheel	wheel type front/rear		Poly/poly	Poly/poly
	dimension of driven wheel	mm	φ 248*75	φ 248*75
Brake	dimension of load wheel	mm	φ 84*70	φ 84*70
	dimension of universal wheel	mm	φ 90*48	φ 90*48
Motor	wheel base	mm	1307	1307
			electromagnetic	
Battery	travelling	kw	0.93	0.93
	lifting	kw	3	3
Control	voltage	v	24v	24v
	capacity	Ah	135	210
Motor	control system		CURTLS 1243	CURTLS 1243

Remark: 1. Performance may vary due to motor and system efficiency tolerances and represents nominal values under typical operating conditions.
2. Customization is available

Model			SFS10-30	SFS10-33
Characteristics	capacity	kg	1000	1000
	load center	mm	600	600
Specifications	operator type		Walkie	
	maximum lifting height	mm	3000	3300
Performance	lowered height of fork	mm	80	80
	standard fork width	mm	540	540
Weight	standard fork length	mm	1150	1150
	fork width	mm	185	185
Chassis	minum turning radius	mm	1366	1366
	minum aisle width	mm	2315	2315
Motor	minum ground clearance	mm	30	30
	maximum travel speed	laden unladen	km/h km/h	3.4 3.9
Brake	maximum lifting speed	laden unladen	m/s m/s	0.13 0.23
	maximum lowering speed	laden unladen	m/s m/s	0.13 0.23
Battery	gradeability	laden unladen	% %	5 7
	Serv weight without battery (3m standard)	kg	670	670
Wheel	Serv weight with battery (3m standard)	kg	738	738
	overall length	mm	1665	1665
Motor	Overall width	mm	800	800
	Overall rear height	mm	1320	1320
Brake	rear body length	mm	820	820
	rear body width	mm	800	800
Battery	rear body height	mm	709	709
	handle width	mm	430	430
Motor	max extend height(3m/3.3m/3.6m/4m)	mm	3694	3694
	max lower height(3m/3.3m/3.6m/4m)	mm	2100	2200
Wheel	wheel type front/rear		Poly/poly	Poly/poly
	dimension of driven wheel	mm	φ 248*75	φ 248*75
Brake	dimension of load wheel	mm	φ 84*70	φ 84*70
	dimension of universal wheel	mm	φ 90*48	φ 90*48
Motor	wheel base	mm	922	922
			electromagnetic	
Battery	travelling	kw	0.6	0.6
	lifting	kw	2	2
Control	voltage	v	24v	24v
	capacity	Ah	135	135
Motor	control system		CURTLS 1243	