



FLEXIBLE DESIGN EFFICIENT THROUGHOUT

- ▶ 300—1500 kg Capacity
- ▶ Up to 1600mm lift height
- ▶ Lead Acid or Lithium battery
- ▶ Semi or Full Electric type
- ▶ Long working time





EFFICIENT THROUGHOUT



SELF-LOAD STACKER ADVANTAGES

- ▶ **EASY TO OPERATE CONTROLS** anchored by an ergonomic multifunctional control handle
- ▶ **LOAD-SENSING TORSION BAR** for easier steering and increased operator comfort
- ▶ **RUGGED CONSTRUCTION** for increased durability and reliability, and a longer lifespan
- ▶ **ABILITY TO HANDLE HEAVY LOADS** up to 1500 kgs, quickly and efficiently
- ▶ **HANDLE-MOUNTED ELECTRIC LIFT/LOWER CONTROLS** for easy access, with pressure-compensated valve for constant lowering in all conditions
- ▶ **THE STEIN SELF LOADING STACKER** can travel with trucks autonomously mount and dismount from vehicles for seamless loading-unloading integration—no need to rent additional handling equipment. It handles light to heavy cargo (500-1500kg) and fits various truck configurations with a flexible lift height (800-1600mm). Compact, agile, and easy to operate, it also features anti-slip and high-elevation speed limit safety designs for efficient cargo handling.
- ▶ **FREE LIFT HEIGHT** keeps body height unchanged when forks lift pallets off ground, lowering carriage space needs
- ▶ **SEPARATE POWER/GRAVITY DESCENT** system and high-quality electric parts save hydraulic energy
- ▶ **WIDENED SHOCK-ABSORBING CASTERS** enhance vehicle stability while ensuring good passability



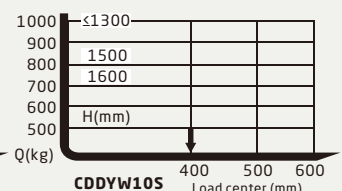
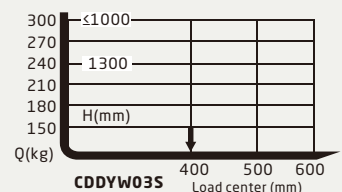
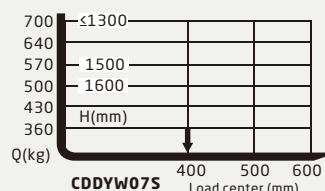
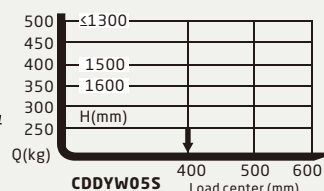
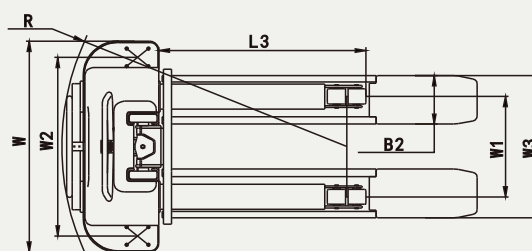
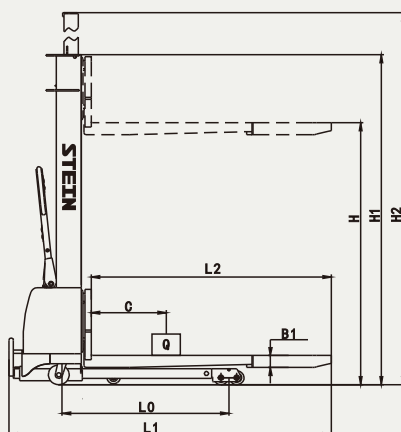
SEMI-ELECTRIC SELF LOAD STACKER SPECIFICATIONS

FEATURES				CDDYW03S	CDDYW05S	CDDYW07S	CDDYW10S
1.1	Type of Power			Lithium Battery	Lithium Battery	Lithium Battery	Lithium Battery
1.2	Max. Load	Q	kg	300	500	700	1000
1.3	Load Center	C	mm	400	400	400	400
1.4	Wheelbase	L0	mm	749	815	788	780
1.5	Wheel Distance: FR	W1	mm	365	380	405	398/518
1.6	Wheel Distance: RR	W2	mm	620	665/815	690/810	708/928
1.7	Type of Operation			Walkie	Walkie	Walkie	Walkie

DIMENSIONS				CDDYW03S	CDDYW05S	CDDYW07S	CDDYW10S
2.1	Front Wheel		mm	70X60	70X60	70X60	70X60
2.2	Universal Wheel		mm	75X50	100X45	100X50	100X50
2.3	Middle Wheel		mm	45X26	45X26	65X30	65X30
2.4	Length of Outriggers	L3	mm	670	746	735	780
2.5	Max. Fork Height	H	mm	800	800	800	800
2.6	External Distance Between Forks	W3	mm	535	535/685	565/685	565/685
2.7	Length of Fork	L2	mm	1150	1150	1150	1150
2.8	Thickness of Fork	B1	mm	50	60	60	60
2.9	Width of Fork	B2	mm	170	155	190	193
2.10	Overall Length	L1	mm	1467	1570	1552	1544
2.11	Overall Width	W	mm	708	786/936	809/929	835/955
2.12	Overall Height (Mast Closed)	H1	mm	1120	1150	1155	1166
2.13	Overall Height (Max. Fork Height)	H2	mm	1860	1870	1875	1850

PERFORMANCE				CDDYW03S	CDDYW05S	CDDYW07S	CDDYW10S
3.1	Lifting speed	mm/s		40	55	55	55
3.2	Descent speed	mm/s		50	80	100	100
3.3	Controller			Chinese Qiankuo	Chinese Qiankuo	Chinese Qiankuo	Chinese Qiankuo
3.4	Lift Motor			Brushless DC	Brushless DC	Brushless DC	Brushless DC
3.5	Lift Motor Power	kw		0.45	0.8	0.8	1.6
3.6	Battery Voltage	V		48	48	48	48
3.7	Battery Capacity	Ah		15	15	15	15
3.8	Working hours	h		6	5	3.5	3
3.9	Working cycle	Times		70	60	46	35
4.10	Charger specifications	V/A		12V8A	12V8A	12V8A	12V8A
4.11	Charging time	h		5	5	5	5

WEIGHT				CDDYW03S	CDDYW05S	CDDYW07S	CDDYW10S
4.1	Battery Weight	kg		13.5	13.5	13.5	13.5
4.2	Total Weight with Battery	kg		166	214	243	285





FULL-ELECTRIC SELF LOAD STACKER SPECIFICATIONS

FEATURES				CDDYW07F	CDDYW10F	CDDYW13F	CDDYW15F
1.1	Type of Power			Lithium Battery	Lithium Battery	Lithium Battery	Lithium Battery
1.2	Max. Load			700	1000	1300	1500
1.3	Load Center	Q	kg	400	400	400	400
1.4	Wheelbase	C	mm	922	924	916	924
1.5	Wheel Distance: FR	L0	mm	405/525	405/525	405/525	405/525
1.6	Wheel Distance: RR	W1	mm	802	802	802	802
1.7	Type of Operation	W2	mm	Walkie	Walkie	Walkie	Walkie
DIMENSIONS				CDDYW07F	CDDYW10F	CDDYW13F	CDDYW15F
2.1	Front Wheel		mm	80X70	80X70	2- 80X70	2- 80X70/2- 80X60
2.2	Universal Wheel		mm	75X50	75X45	2- 75X45	75X45
2.3	Middle Wheel		mm	45X30	45X30	2- 45X30	45X30
2.4	Drive wheel		mm	185X70	185X70	185X70	185X70
2.5	Middle wheel location	L4	mm	158	158	158	158
2.6	Length of Outriggers	L3	mm	770	770	772	780
2.7	Max. Fork Height	H	mm	800	800	800	800
2.8	External Distance Between Forks	W3	mm	565/685	565/685	565/685	565/685
2.9	Length of Fork	L2	mm	1195	1195	1250	1250
2.10	Thickness of Fork	B1	mm	70	70	70	80
2.11	Width of Fork	B2	mm	190	190	190	190
2.12	Overall Length	L1	mm	1603	1603	1655	1657
2.13	Overall Width	W	mm	852	852	852	802
2.14	Overall Height (Mast Closed)	H1	mm	1155	1166	1163	1163
2.15	Overall Height (Max. Fork Height)	H1	mm	1875	1850	1861	1861
PERFORMANCE				CDDYW07F	CDDYW10F	CDDYW13F	CDDYW15F
3.1	Lifting speed	mm/s		55	55	55	55
3.2	Descent speed	mm/s		100	100	100	100
3.3	Controller			Chinese Qiankuo	Chinese Qiankuo	Chinese Qiankuo	Chinese Qiankuo
3.4	Lift Motor	kw		Brushless DC	Brushless DC	Brushless DC	Brushless DC
3.5	Lift Motor Power			0.8	1.6	1.6	2
3.6	Drive motor			Brushless DC	Brushless DC	Brushless DC	Brushless DC
3.7	Drive motor power	kw		0.8	0.8	0.8	0.8
3.8	Max. speed(Turtle speed / full-load)	Km/h		1/3.5	1/3.5	1/3.5	1/3.5
3.9	Grade Ability(Full-load/Unload)	%		5/10	5/10	5/10	5/10
3.10	Battery Voltage	V		48	48	48	48
3.11	Battery Capacity	Ah		15	15	15	15
3.12	Working hours	h		6	5	4	3
3.13	Working cycle	Times		65	50	40	35
3.14	Charger specifications	V/A		54.7v3a	54.7v3a	54.7v3a	54.7v3a
3.15	Charging time	h		4	4	4	4
WEIGHT				CDDYW07F	CDDYW10F	CDDYW13F	CDDYW15F
4.1	Battery Weight	kg		6/10/10	6/10/10	6/10/10	6/10/10
4.2	Total Weight with Battery	kg		266	302	365	370

