

Hydraulic Stackers



Outstanding Value from a Wide Range of Stackers

Battery Powered Lift & Drive Models



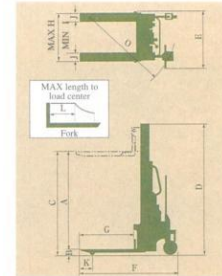
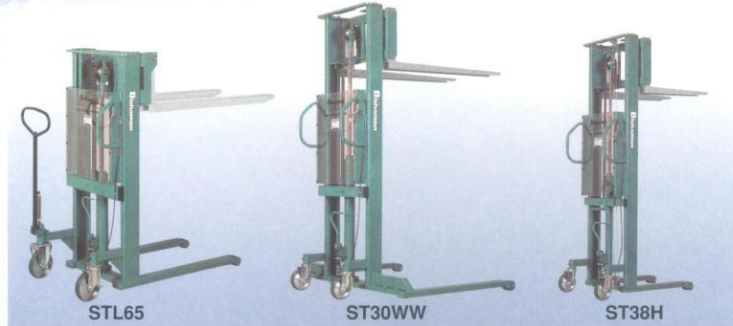
Specifications(Battery Powered Lift & Drive Models)

	Model	ST50A	ST80AWW	ST98A	ST98AWN	STW38A	STW65A
Capacity (Kgs.)		500	800	980	980	380	650
A Vertical Travel (mm)		1,500				2,420	
B Fork Min. Height (mm)		90					
C Fork Max Height (mm)		1,590				2,510	
D Overall Height (mm-Min.)		1,969		1,967		1,708	1,734
D' Overall Height (mm-Max.)		1,969		1,967		2,923	2,949
E Overall Width (mm)		757	1,400	876	941	760	876
F Overall Length (mm)		1,509	2,016	1,816		1,501	1,816
H Max. Width of forks (mm)		600		726		600	726
I Min. Width of forks (mm)		232		276		232	276
G Fork Length (mm)		600	1,000	800		600	800
J Fork Width (mm)		110		125		110	125
K From Front Wheel Shaft to Fork End (mm)		69		187		69	187
* Location of Fork at lowered position		A	B	A	B	A	
L Load Center (mm)		300	500	400		300	400
Outside Distance Between Arms (mm)		580	1,400	700	900	580	700
Inside Distance Between Arms (mm)		400	1,200	500	700	400	500
Front Wheel (Polyurethane) ODxW (mm)		70 x 73					
Rear Wheel (Polyurethane) ODxW (mm)		150 x 42		180 x 50		150 x 42	200 x 42
Drive Wheel ODxW (mm)		220 x 70					
Lifting Motor(KW)		0.7		0.9		0.7	0.9
Driving Motor(KW)		0.4					
O Minimum Turning Radius (mm)		1,076	1,641	1,287	1,336	1,083	1,287
Battery		12V 64Ah/5Hr		12V 92Ah/5Hr		12V 64Ah/5Hr	12V 100Ah/5Hr
Lifting Frequency(Times) (Full Charged, Full Loaded)		70		52		30	33
Approx. Lifting Speed (Seconds-Full Loaded)		22		35		22	30
Approx. Lowering Speed		Adjustable					
Driving Speed	Fully Loaded (Km/H)	2.2					
	No Load (Km/H)	2.7					
Weight(Kgs.)		209	364	338	348	258	375

* Location of Fork at lowered position A : On top of Arm, B : At side of Arm
Specifications are subject to change without notice.

Hydraulic Stackers

Manually Operated Models



Valuable Features



Option
Quick Lifting Device
(Manually Operated Models)



Easy Lifting
by pumping pedal
Pedal can be folded
(Manually Operated Models)



Easy Lowering
by pulling lever
Deadman design for safety
(Manually Operated Models)



Polyurethane Wheels
(All Models)

Specifications (Manually Operated Models)

Model	STS15	STS38	ST20WW	STL25	ST25	ST30WW	STL38	ST38	ST38WN
Capacity (Kgs.)	150	380	200	250	250	300		380	
A Vertical Travel (mm)	750		1,500	1,200	1,500		1,200	1,500	
B Fork Min. Height (mm)	90			88			90		
C Fork Max. Height (mm)	840		1,590	1,288	1,588	1,590	1,290	1,590	
D Overall Height (mm)	1,225	1,251	1,966	1,593	1,893	1,969	1,668	1,966	
E Overall Width (mm)	645	683	1,375	645		1,375	641		875
F Overall Length (mm)	1,192	1,306	1,499	992		1,506	1,099		
H Max. Width of forks (mm)	628	600	558	628		600	558		
I Min. Width of forks (mm)	125	232		125			232		
G Fork Length (mm)	750	800	1,000	550		1,000	600		
J Fork Width (mm)	60	110		60			110		
K From Front Wheel Shaft to Fork End (mm)	317	269	354	117		269	154		
* Location of Fork at lowered position	B		A	B			A		B
Approx. Strokes to Max. Height	27 times	37 times	53 times	43 times	53 times	71 times	43 times	53 times	
Lifting per Stroke (mm)	28		20	28		21	28		
L Load Center (mm)	400		500	300		500	300		
Outside Distance Between Arms (mm)	502	591	1,375	502		1,375	549		875
Inside Distance Between Arms (mm)	360	391	1,175	360		1,175	349		675
Front Wheel (Polyurethane) ODxW (mm)	80 x 32		70 x 73	80 x 32			70 x 73		
Rear Wheel (Polyurethane) ODxW (mm)	100 x 32		150 x 42	100 x 32			150 x 42		
O Minimum Turning Radius (mm)	822	1,026	1,327	822		1,413	923	1,014	
Weight(Kgs.)	57	135	158	62	67	193	117	122	132
Model No. with Quick Lifting Device	-	-	ST20HWW	STL25H	ST25H	ST30HWW	STL38H	ST38H	ST38HWN

Model	STL50	ST50	ST50WN	STL65	ST65	ST80	ST80WW	ST100	ST100WN
Capacity (Kgs.)	500			650		800		1,000	
A Vertical Travel (mm)	1,200		1,500	1,200		1,500			
B Fork Min. Height (mm)	90			90					
C Fork Max. Height (mm)	1,290		1,590	1,290		1,590			
D Overall Height (mm)	1,669		1,969	1,667		1,967			
E Overall Width (mm)	683		875	883		1,400		883	934
F Overall Length (mm)	1,106			1,851		1,651		1,451	
H Max. Width of forks (mm)	600			726				688	
I Min. Width of forks (mm)	232			275					
G Fork Length (mm)	600			1,200		1,000		800	
J Fork Width (mm)	110			125					
K From Front Wheel Shaft to Fork End (mm)	69			395				195	
* Location of Fork at lowered position	A		B	A		B		A	B
Approx. Strokes to Max. Height	57	71		102		127			
Lifting per Stroke (mm)	21			12					
L Load Center (mm)	300			600		500		400	
Outside Distance Between Arms (mm)	591		875	700		1,400		700	900
Inside Distance Between Arms (mm)	391		675	500		1,200		500	700
Front Wheel (Polyurethane) ODxW (mm)	70 x 73			70 x 73					
Rear Wheel (Polyurethane) ODxW (mm)	150 x 42			200 x 42					
O Minimum Turning Radius (mm)	1,026	1,103		1,484	1,304	1,657	1,304	1,353	
Weight(Kgs.)	151	156	166	247	252	251	276	250	260
Model No. with Quick Lifting Device	STL50H	ST50H	ST50HWN	STL65H	ST65H	ST80H	ST80HWW	ST100H	ST100HWN

* Location of Fork at lowered position A : On top of Arm, B : At side of Arm
Specifications are subject to change without notice

Skid Lifter

LV Series Skid Lifts provide lifting power for skid-transported materials

Manually Operated Models



Offset Handle
Model LV100(W) feature an offset steering handle



Locking Foot Brake



Easy Lifting
by Foot Pedal
(All Models)

Option



Table Top

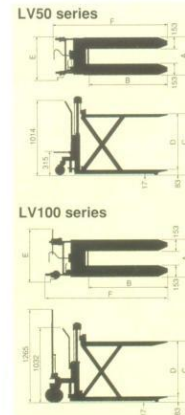


Easy Lowering
by pulling lever
Deadman design for safety
(All Models)

Specifications (Manually Operated Models)

Model	LV50W	LV50	LV50N	LV50SS	LV50NSS	LV100W	LV100
Capacity (Kgs.)	500	500	500	500	500	1,000	1,000
Fork Width (mm)	A 685	520	460	520	460	685	520
Fork Length (mm)	B 1,080	1,080	1,080	809	809	1,080	1,080
Vertical Travel (mm)	D 750	750	750	520	520	750	750
Fork Min. Height (mm)	83	83	83	83	83	83	83
Fork Max. Height (mm)	C 833	833	833	603	603	833	833
Overall Width (mm)	E 768	603	543	603	543	893	728
Overall Length (mm)	F 1,573	1,573	1,573	1,302	1,302	1,685	1,685
Approx. Strokes to Max Height	32 times	32 times	32 times	28 times	28 times	71 times	71 times
Load Center (mm)	560	560	560	425	425	560	560
Front Wheel Dia. (Polyurethane)	70 φ	70 φ	70 φ	70 φ	70 φ	70 φ	70 φ
Rear Wheel Dia. (Polyurethane)	150 φ	150 φ	150 φ	150 φ	150 φ	200 φ	200 φ
Weight (Kgs.)	106	101	100	88	87	160	136

Specifications are subject to change without notice.



or work in progress.

● Battery Powered Models

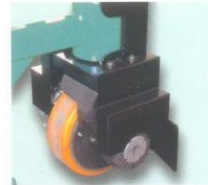


Offset Handle
Model LV100E Series feature an offset steering handle



Easy Control Lever
for lifting and lowering

● Battery Powered Lift & Drive Models



Compact Drive unit



Easy Control Lever
Easy and Smooth Driving with Finger Control

● Specifications (Battery Powered Models)

Model	LV50WE	LV50E	LV50NE	LV50SSE	LV50NSSE	LV100WE	LV100E	ALV98W	ALV98
Capacity (Kgs.)	500	500	500	500	500	1,000	1,000	980	980
Fork Width (mm)	A 685	520	460	520	460	685	520	685	520
Fork Length (mm)	B 1,080	1,080	1,080	809	809	1,080	1,080	1,080	1,080
Vertical Travel (mm)	D 750	750	750	520	520	750	750	750	750
Fork Min. Height (mm)	83	83	83	83	83	83	83	83	83
Fork Max. Height (mm)	C 833	833	833	603	603	833	833	833	833
Handle Height (mm)	1,027	1,027	1,027	1,027	1,027	1,265	1,265	1,129	1,129
Overall Width (mm)	E 768	603	555	603	555	893	728	847	682
Overall Length (mm)	F 1,569	1,569	1,569	1,298	1,298	1,722	1,722	2,084	2,084
Lifting Motor (kW)	0.7 KW	0.7 KW	0.7 KW	0.7 KW	0.7 KW	0.7 KW	0.7 KW	0.7 KW	0.7 KW
Battery 12V	55B24R	55B24R	55B24R	55B24R	55B24R	95D31R	95D31R	130E41R	130E41R
Lifting Frequency (Times) (Full Charged, Full Loaded)	58 times	58 times	58 times	75 times	75 times	60 times	60 times	—	—
Approx. Lifting Speed (Seconds - Full Loaded)	10	10	10	7	7	18	18	18	18
Approx. Lowering Speed	Adjustable								
Load Center (mm)	560	560	560	425	425	560	560	560	560
Front Wheel Dia. (Polyurethane)	70 φ	70 φ	70 φ	70 φ	70 φ	70 φ	70 φ	70 φ	70 φ
Rear Wheel Dia. (Polyurethane)	150 φ	150 φ	150 φ	150 φ	150 φ	200 φ	200 φ	180 φ	180 φ
Weight (Kgs.)	141	136	135	123	122	187	179	227	219

Specifications are subject to change without notice.