WE PROMISE | WE DELIVER

NOBLELIFT
CANADA

SWB 130/130S

Lithium Walkie Stacker
Capacity 1400KG/3000lbs



- Lithium Battery
- CAN-bus
- High Performance
- Easy Maintenance
- Highly Cost Effective
- ANSI



Productive. Solid. Smart.

SWB130/130S Lithium Walkie Straddle Stackers

Capacity - 1400KG - 3000lbs

It deliver quiet, low-maintenance performance with ultra-smooth operation for light to medium-duty material handling. Built with a compact frame, tight turning radius, and full free-lift mast, they’re ideal for navigating narrow aisles and confined spaces such as retail stores, trailers, containers, loading docks, workshops, supermarkets, and warehouses.

Highlights

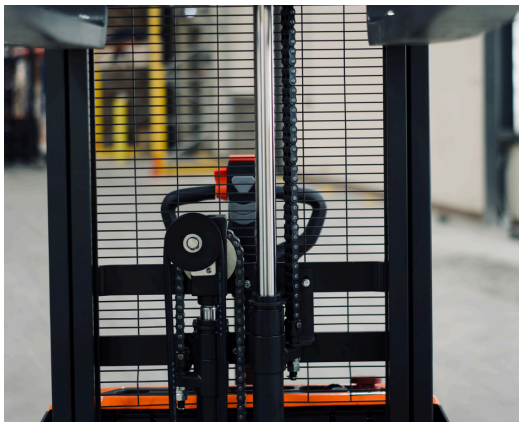
- Lithium Battery (24V/100Ah)
- Compact & Ergonomic Design
- Brushless DC permanent magnetic drive motor
- Full Free Lift Mast
- Smart Display Panel
- Fast charging 4 hours



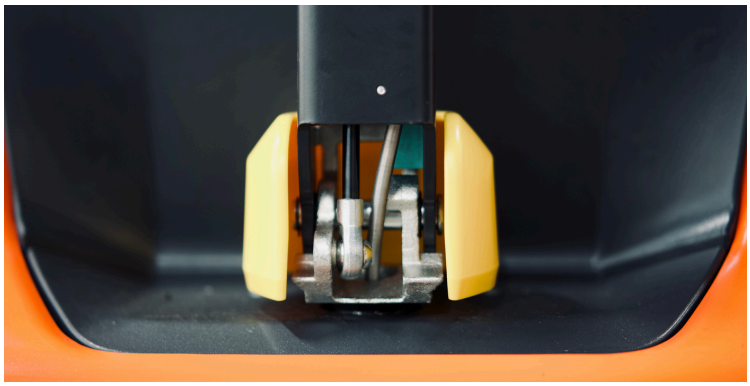
Ergonomic tiller head with keyed ignition and optional key fob access for enhanced security and controlled operator access.



Integrated onboard charger for convenient charging, featuring an emergency stop switch and push-button start for added safety and ease of operation



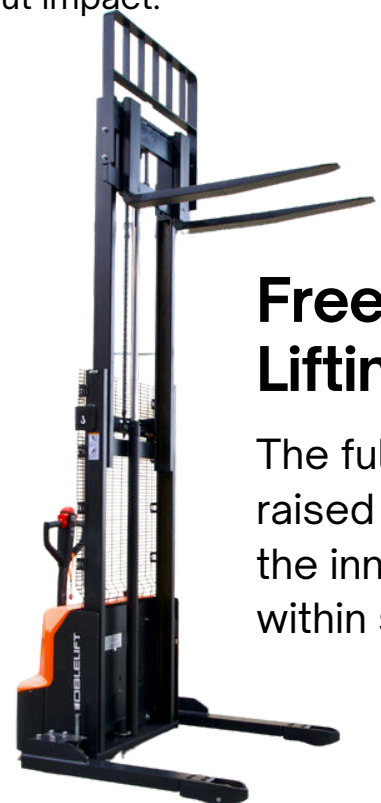
Full free lift mast allows pallets to be raised without increasing overall mast height, making it ideal for low-clearance areas.



Tiller bar is supported by an air spring that returns the tiller to its vertical position without impact.



Load backrest prevents loads from falling backward, protecting the operator, the load and the stacker.



Free Lift Height 51.2” - 70.9” | Lifting Height 102” - 169”

The full free lift mast allows the forks to be raised to a significant height without extending the inner mast channels, allowing operation within spaces with limited overhead clearance.

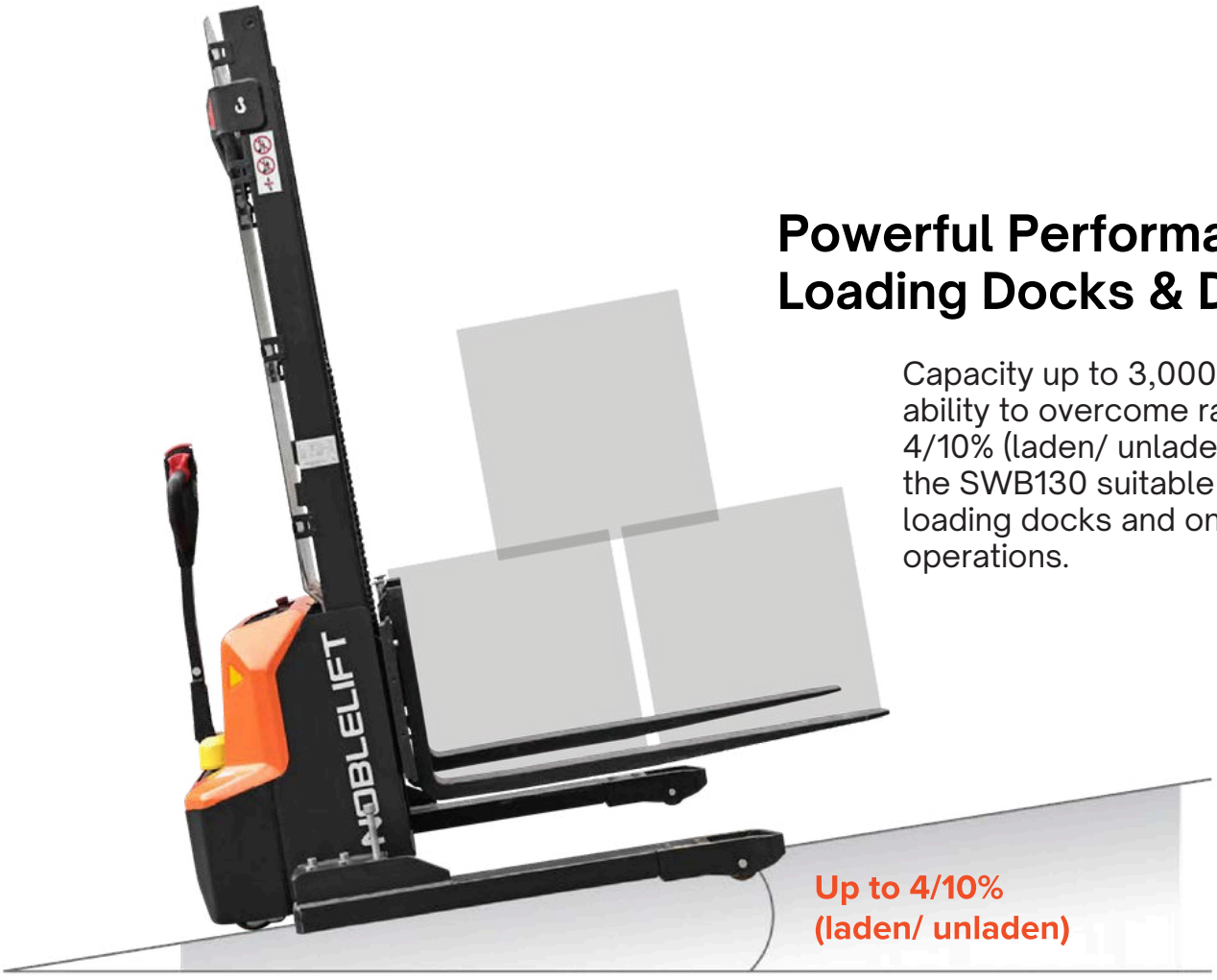
Ergonomic Tiller Head with Enhanced Operator Comfort

The new generation tiller head has soft grips for comfortable and ergonomic operation. The buttons are larger and can be easily used by operators, even while wearing gloves.



Powerful Performance for Loading Docks & Deliveries

Capacity up to 3,000 lbs and ability to overcome ramps up to 4/10% (laden/ unladen) makes the SWB130 suitable for work in loading docks and on delivery operations.





Advantages of Lithium-ion Power

Effortless Charging for Continuous Operation

The fast-charging, maintenance-free lithium battery reaches a full charge in just 4 hours. It supports opportunity charging during breaks and shift changes, enabling the truck to operate seamlessly through multi-shift schedules without the need for battery replacements.

- 24V/100Ah Lithium-iron battery has connection terminals with screws and is protected inside the steel case.
- 24V/25A onboard charger included, compatible with any 110V outlet

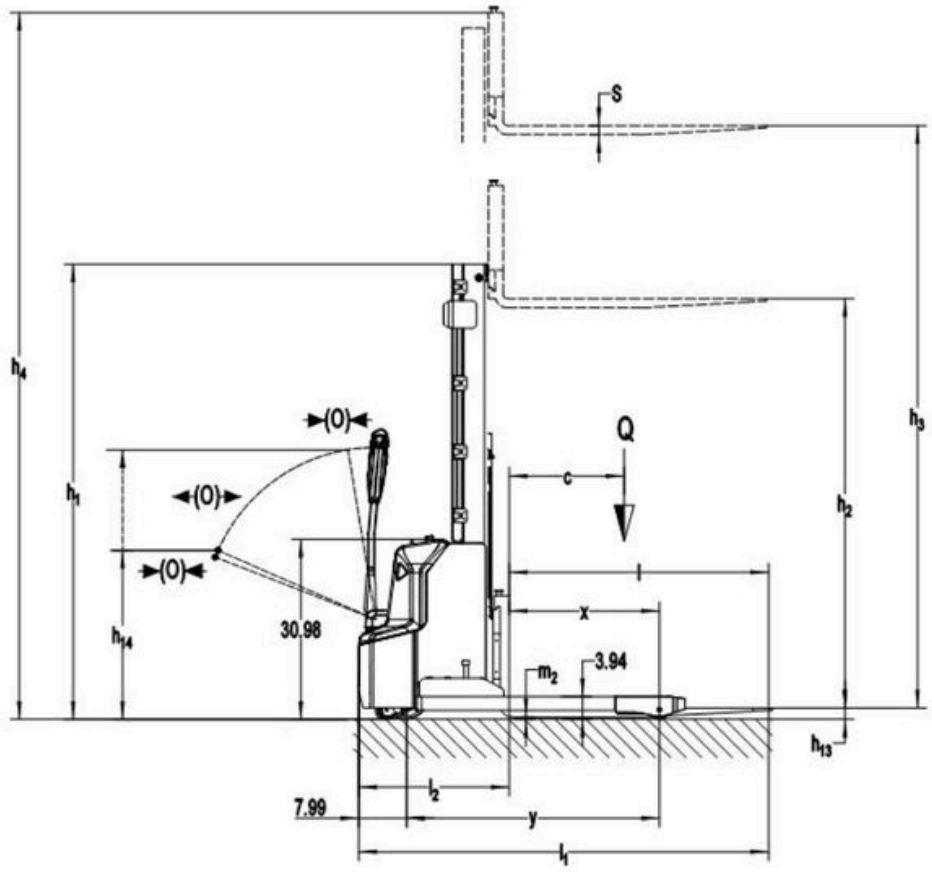
Designed for Operator Comfort and Control

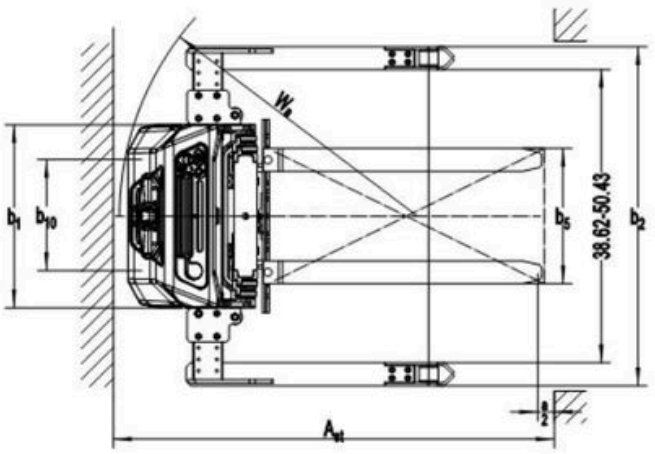
Noblelift utilizes lithium-ion phosphate batteries, known for their exceptional longevity and safety. These lithium-iron batteries feature a Battery Management System (BMS), a thermal management system, and an automotive-grade DC high-voltage control system.

*SWB130/130S has a **2-year** on the lithium-ion battery cells.*

Identification				
1.1	Manufacturer		Noblelift	
1.2	Model		SWB130S	
1.3	Drive		Lead Acid	Lithium
1.4	Type of Operation		Pedestrian	
1.5	Load capacity / rated load	Q lb(t)	2866 (1.3)	
1.6	Load center distance	c in(mm)	23.6 (600)	
1.8	Load distance	x in(mm)	27 (693)	
1.9	Wheel base	y in(mm)	43 (1097)	
Weights				
2.1	Service weight included battery (see line 6.5)	lb (kg)	1700 (772)	1615 (732)
2.2	Axle loading, laden front / rear	lb (kg)	1344/3223 (610/1462)	1280/3190 (585/1447)
2.3	Axle loading, unladen front / rear	lb (kg)	1287/493 (548/224)	1146/467 (520/212)
Wheels, Chassis				
3.1	Tires	in/mm	Polyurathane	
3.2	Tire size, front	in/mm	Φ210 x 75	
3.3	Tire size, rear	in/mm	Φ84 x 93	
3.5	Wheels, number front / rear (x=driven wheels)		1x + 2 / 2	
3.6	Track width, front	b10 (in/mm)	21.6 (550)	
3.7	Track width, rear	b11 (in/mm)	15.7 (400)	
Basic Dimensions				
4.2	Lowered mast height	h1 (in/mm)	77.4 (1982)	
4.3	Free lift	h2 (in/mm)	3.7 (1440)	
4.4	Lift height	h3 (in/mm)	118.1 (4210)	
4.5	Extended mast height	h4 (in/mm)	152.2 (4752)	
4.9	Height of tiller in drive position min./ max.	h14 (in/mm)	77.8 (710 / 1150)	
4.15	Height lowered	h13 (in/mm)	3.5 (90)	
4.19	Overall length	l1 (in/mm)	38.6 (1724)	
4.20	Length to face of forks	l2 (in/mm)	21.3 (574)	
4.21	Overall width	b1 (in/mm)	94.5 (800)	
4.22	Fork dimensions	s/e/l (in/mm)	58.3 (60 / 180 / 1150)	
4.24	Width across forks	b5 (in/mm)	34.6 (570)	
4.32	Ground clearance, center of wheelbase	m2 (in/mm)	1 (26)	
4.33	Aisle width of pallets 1000x1200L	Ast (in/mm)	32.5 (2167)	
4.34	Aisle width of pallets 800x1200L	Ast (in/mm)	3.1 (2300)	
4.35	Turning radius	Wa (in/mm)	3.5 (1300)	
Performance Data				
5.2	Lift speed, laden/unladen	m/s	0.10 / 0.14	
5.3	Lowering speed, laden/unladen	m/s	0.13 / 0.11	
5.8	Max. gradeability, laden/ unladen	%	4 / 10	
5.10	Service brake		Electromagnetic	
Electric				
6.1	Drive motor rating S2 60min	kw	0.65	
6.2	Lift motor rating at S3 7.5%	kw	2.2	
6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		no	
6.4	Battery voltage, nominal capacity K2	V/Ah	2x12 / 106	24 / 100
6.5	Battery weight	(kg)	2x34	27
6.6	Energy consumption acc: to VDI cycle	kWh/h	0.70	

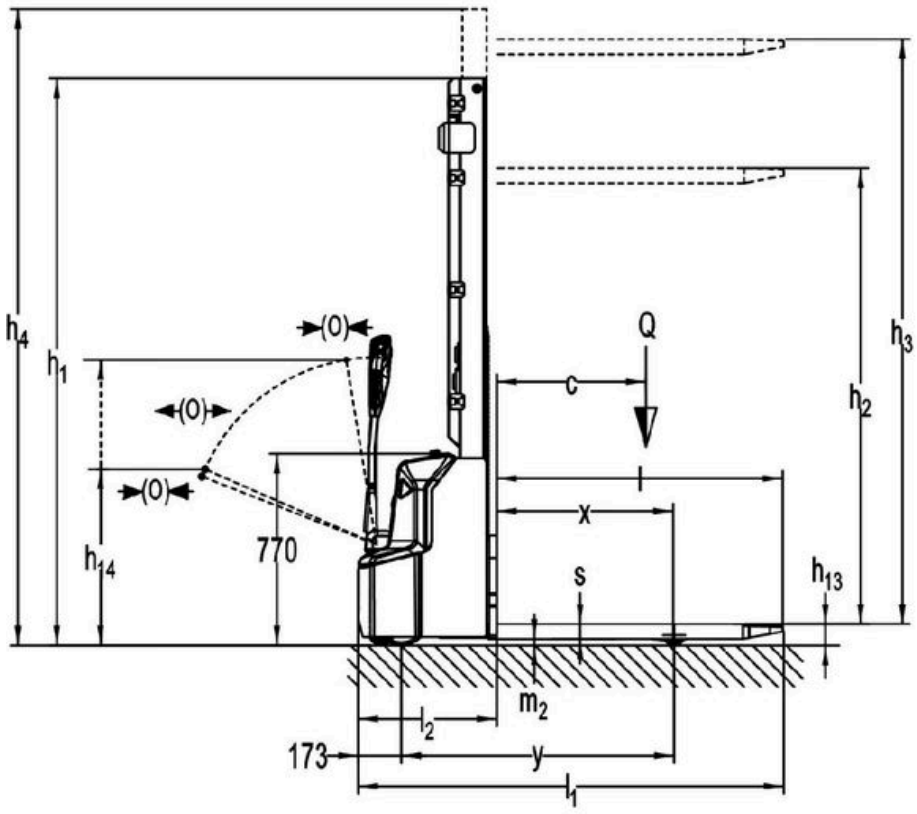
SWB130S

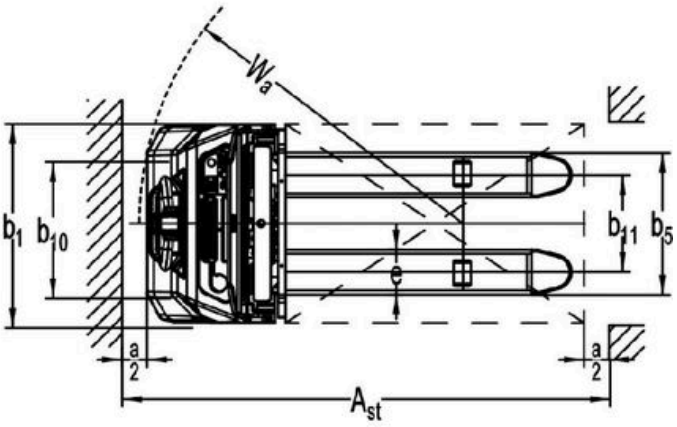

S
h4
h1
h14
(0)
(0)
(0)
Q
c
h2
h3
x
l
30.98
m2
3.94
h13
l2
7.99
y
l1


Wa
b1
b10
b5
38.62-50.43
b2
Ast

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1.2	Model		SWB130	
1.3	Drive		Lead Acid	Lithium
1.4	Type of Operation		Pedestrian	
1.5	Load capacity / rated load	Q lb(t)	(1.3)	
1.6	Load center distance	c in(mm)	(600)	
1.8	Load distance	x in(mm)	(693)	
1.9	Wheel base	y in(mm)	(1097)	
Weights				
2.1	Service weight included battery (see line 6.5)	lb (kg)	1702 (772)	1613 (732)
2.2	Axle loading, laden front / rear	lb (kg)	1344/3223 (610/1462)	1289/3190 (585/1447)
2.3	Axle loading, unladen front / rear	lb (kg)	1208/493 (548/224)	1146/467 (520/212)
Wheels, Chassis				
3.1	Tires	in/mm	Polyurathane	
3.2	Tire size, front	in/mm	Φ210 x 75	
3.3	Tire size, rear	in/mm	Φ84 x 93	
3.5	Wheels, number front / rear (x=driven wheels)		1x + 2 / 2	
3.6	Track width, front	b10 (in/mm)	21.6/550	
3.7	Track width, rear	b11 (in/mm)	15.7/400	
Basic Dimensions				
4.2	Lowered mast height	h1 (in/mm)	78 (1982)	
4.3	Free lift	h2 (in/mm)	56.7 (1440)	
4.4	Lift height	h3 (in/mm)	165.7 (4210)	
4.5	Extended mast height	h4 (in/mm)	187 (4752)	
4.9	Height of tiller in drive position min./ max.	h14 (in/mm)	27.9/45.27 (710 / 1150)	
4.15	Height lowered	h13 (in/mm)	3.5 (90)	
4.19	Overall length	l1 (in/mm)	67.8 (1724)	
4.20	Length to face of forks	l2 (in/mm)	22.6 (574)	
4.21	Overall width	b1 (in/mm)	31.5 (800)	
4.22	Fork dimensions	s/e/l (in/mm)	2.3/7/45.2 (60 / 180 / 1150)	
4.24	Width across forks	b5 (in/mm)	24.4 (570)	
4.32	Ground clearance, center of wheelbase	m2 (in/mm)	1.02 (26)	
4.33	Aisle width of pallets 1000x1200L	Ast (in/mm)	85.3 (2167)	
4.34	Aisle width of pallets 800x1200L	Ast (in/mm)	90.5 (2300)	
4.35	Turning radius	Wa (in/mm)	51.2 (1300)	
Performance Data				
5.2	Lift speed, laden/unladen	m/s	0.10 / 0.14	
5.3	Lowering speed, laden/unladen	m/s	0.13 / 0.11	
5.8	Max. gradeability, laden/ unladen	%	4 / 10	
5.10	Service brake		Electromagnetic	
Electric				
6.1	Drive motor rating S2 60min	kw	0.65	
6.2	Lift motor rating at S3 7.5%	kw	2.2	
6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		no	
6.4	Battery voltage, nominal capacity K2	V/Ah	2x12 / 106	24 / 100
6.5	Battery weight	(kg)	2x34	27
6.6	Energy consumption acc: to VDI cycle	kWh/h	0.70	

SWB130


h4
h1
h14
770
(0)
(0)
(0)
Q
c
x
s
h2
h3
h13
m2
l2
173
y
l1


Wa
b1
b10
b11
b5
e
a
2
a
2
Ast

Authorized Dealer

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