



## Powered Stacker with elevating support arms for two pallet handling

Especially designed for loading/unloading applications. The SPE125L is equipped with elevating support arms that allow easy use on gradients or uneven surfaces. With the fork in lowered position the support arm lift has a maximum capacity of 625+625kg and 1250kg in stacking mode. The support arm lift has a capacity of 1600kg.

- The **comfortable steering arm**, with its modern design, facilitates one hand operation. The lifting and lowering functions (continuous adjustment) are both ergonomically placed on the steering arm. The display on the handle gives useful information. **PIN Code** (up to 10) instead of key. Provides access control. Each code can store individual parameters to meet the driver's skill / environment.
- Two different **battery compartments** together with three **different chassis width** provide the truck with flexibility and exceptional manoeuvrability.
- The truck is equipped with **POWERTRAK** drive unit configuration — a BT patent. The drive wheel pressure is constantly adjusted due to the weight of the load. The result is excellent stability, optimal traction and steering force.
- The **BT POWERDRIVE system**. The unique integration of contactless controls, CAN-Bus communication and a separately excited drivemotor gives many advantages. The contactless controls give smooth and effortless driving. The CAN-Bus communication provides quick, reliable transmission and only a few communication cables are needed. The separately excited drivemotor allows easy **programming of its performance** — top speed, acceleration and automatic speed reduction — to suit the application.
- The variable-speed controlled pump and proportional valve of the **SENSI-LIFT** result in stepless speed control of the fork.
- The spring loaded **driver's platform** provides the driver with a comfortable driving position, allowing the feet to be wide apart for maximum balance and safety.



Technical Details		SPE125L
Operating type		pedestrian/stand on
Rated capacity	kg	1250
Rated capacity, support arm lift	kg	1600
Load centre	mm	600
Weight without battery, min./max.	kg	980/1230
Max. axle load drive wheel, without/with rated load/ 1600kg on support arms	kg	390/530/ 530
Max. axle load castor wheels, without/with rated load 1600kg on support arms	kg	620/650/ 660
Max. axle load supp.wheels, without/with rated load 1600kg on support arms	kg	360/1440/ 1860
Service-/parking brake		1 stage electromagnetic brake
Travel speed, without/with rated load	km/h	8/7
Lift speed, without/with rated load	m/s	0.29/0.19 <sup>1)</sup>
Lowering speed, without/with rated load	m/s	0.40/0.55 <sup>1)</sup>
Gradient, without/with rated load	%	12/10
Drive motor/Intermittent rating (S2 60')	kW	1,7
Lift motor/ Intermittent rating (S3 11%)	kW	3
Battery weight, min./max.	kg	200/320
Battery (5h discharge)	V/Ah	24/180—440
Steering system		steering arm
Speed control		transistor, stepless
Steering arc	°	180

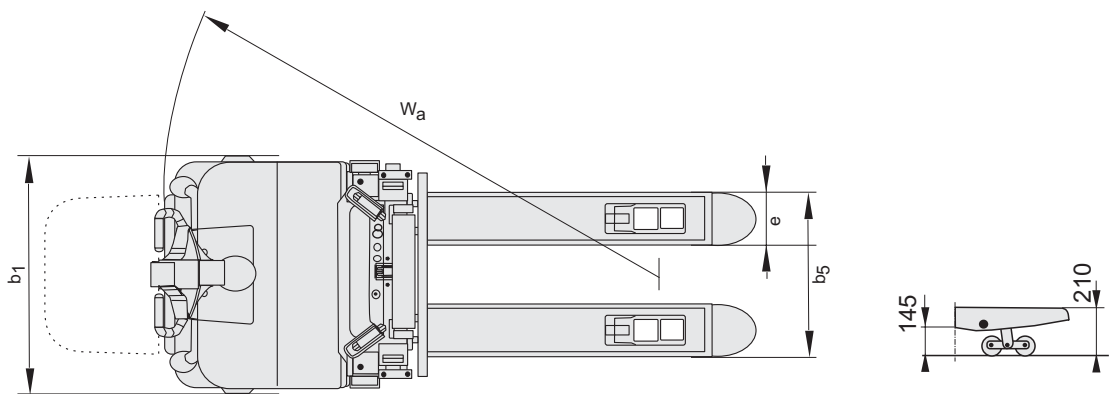
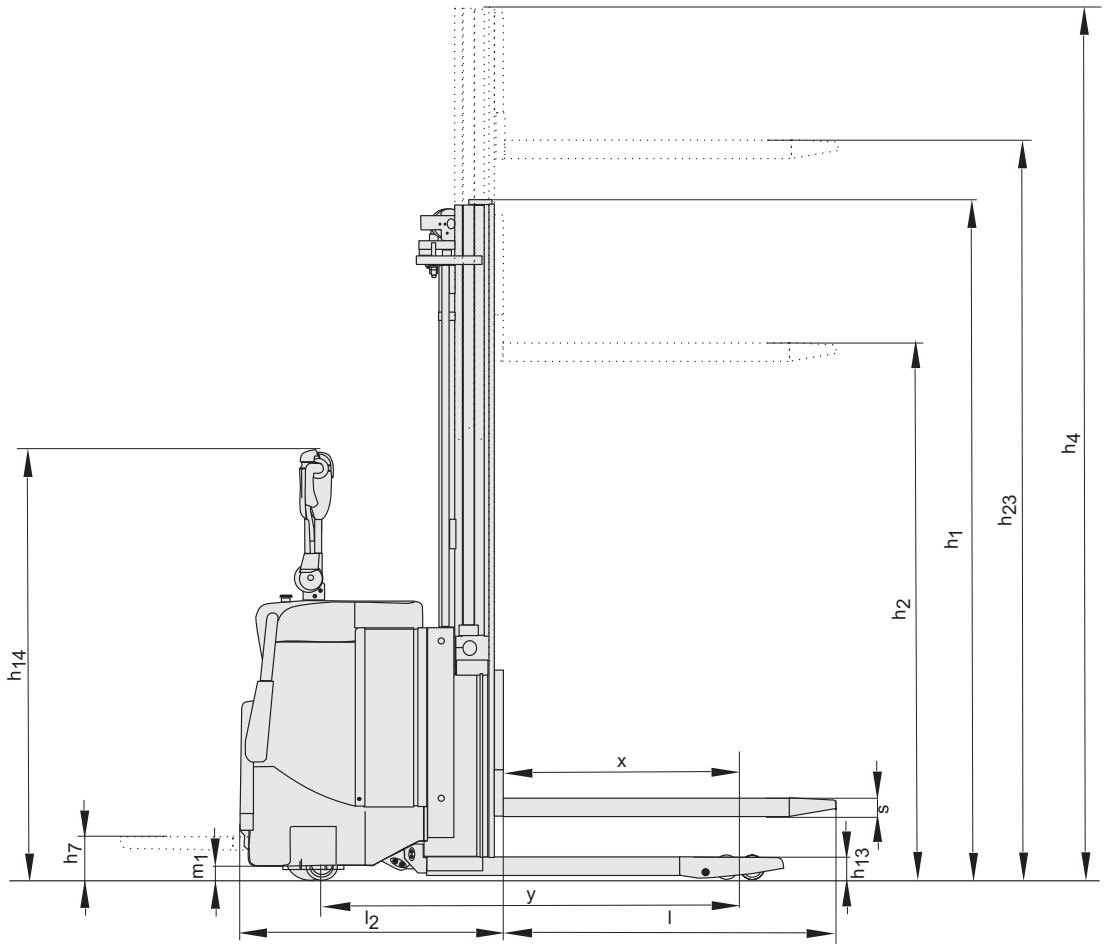
Dimensions, mm		SPE125L
x	Back of fork to bogie wheel centre, fork raised	772 <sup>2)</sup>
y	Wheelbase, fork raised/lowered	1421/1481
	Drive wheel movement up/down	15/30
	Drive wheel, Power friction or powerthan	Ø 215
	Castor wheels, Vulkollan	Ø 125x50
	Support arm wheels, bogie, Vulkollan	Ø 85x75
h <sub>14</sub>	Height of handle in neutral pos.	1435
h <sub>13</sub>	Height of lowered fork	90
l <sub>2</sub>	Truck length incl. back of fork	901 <sup>3)</sup>
b <sub>1</sub>	Chassis, width	790/850/1150
s	Fork thickness	65
e	Fork width	180
l	Fork length	800/900/1000/1150/1400
b <sub>5</sub>	Width across fork	520/570
m <sub>1</sub>	Floor clearance	50
A <sub>st</sub>	Aisle width, min. fork raised	2323
W <sub>a</sub>	Turning radius, fork raised	1696
h <sub>7</sub>	Platform height	150

Data is based on small size battery compartment, l=1150, Duplex Hi-Lo

Mast, mm		Duplex Tele			Duplex Hi-Lo					Triplex Hi-Lo					
h <sub>23</sub>	Total lift height	2350	2800	3350	2350	2900	3350	3750	4150	3350	3750	4150	4500	4800	5400
h <sub>1</sub>	Height of mast, min. <sup>4)</sup>	1710	1935	2210	1710	1985	2210	2420	2620	1680	1815	1950	2065	2165	2365
h <sub>2</sub>	Free lift	—	—	—	1240	1515	1740	1940	2140	1205	1340	1475	1590	1690	1890
h <sub>4</sub>	Height of mast, max. <sup>4)</sup>	2870	3320	3870	2870	3420	3870	4280	4680	3875	4275	4675	5025	5325	5925

- 1) Based on Triplex mast
- 2) Triplex mast -20 mm
- 3) Triplex mast +20 mm
- 4) +120 mm with raised support arms

Truck performance and dimensions are nominal and subject to tolerances.  
 BT Products AB products and specifications are subject to change without notice.  
 All data is based on VDI 2198.





## Options

- **The battery placed on a roller bed**  
which enables easy maintenance and battery change.
- **Battery change table**  
For fast exchange of batteries toward the side — left as well as right.
- **Power steering**  
Especially for heavy applications at lower speeds.

- **Turtle button**  
Comfortable placed on the steering arm. An on/off function for slower speed. Programmable from 40% up to 100%.
- **Ergo platform**  
Mounted under the chassis which gives equal comfort over the whole platform. Especially useful when driving over long distances for high speed operation and maximum efficiency.
- **Load support**  
To provide additional safety for load and operator.



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