



The SPE1350S is equipped with wide support arms that straddle the load, allowing operation with a variety of different pallet sizes. The truck is designed for both horizontal and vertical transports.



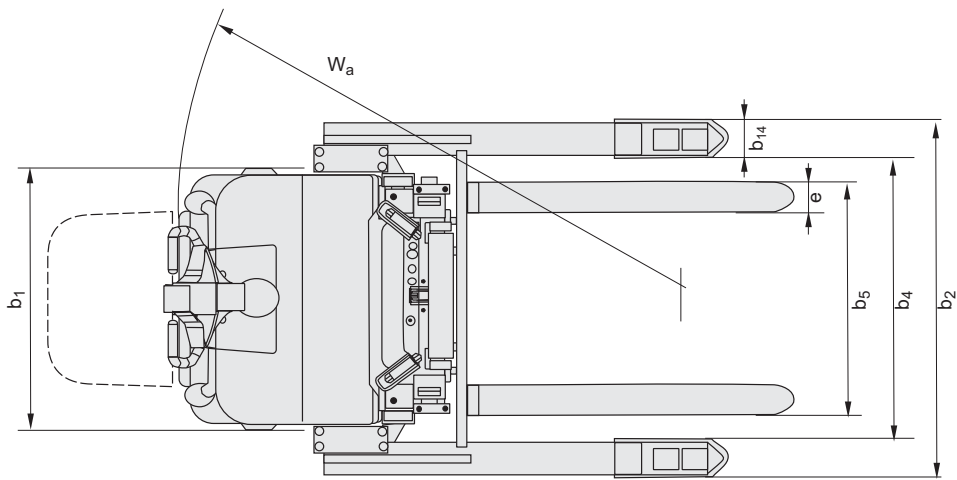
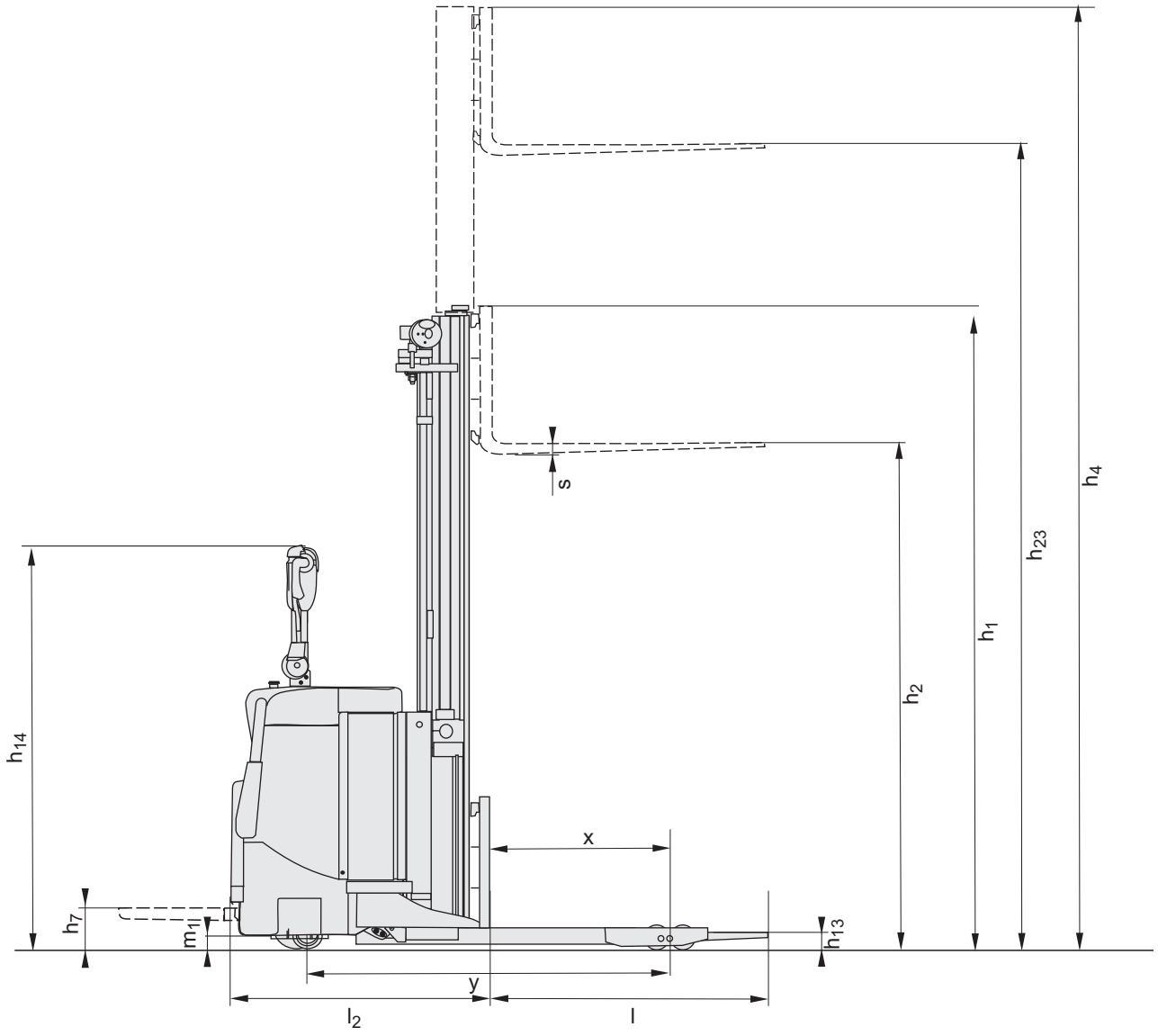
Technical Details		SPE135S
Operating type		pedestrian/stand on
Rated capacity	kg	1350
Load centre	mm	600
Weight without battery	kg	1245
Max. axle load drive wheel, without/with rated load	kg	390/530
Max. axle load castor wheels, without/with rated load	kg	335/20
Max. axle load supp.wheels without load	kg	250/870
Drive wheel movement up/down	mm	15/30
Castor wheels, polyurethane	mm	Ø 125x50
Drive wheel, rubber or polyurethane	mm	Ø 215
Support arm wheels, bogie/single, polyurethane	mm	Ø 85x75 / Ø 140x60
Travel speed, without/with rated load	km/h	8.0/6.8
Lift speed, without/with rated load	m/s	0.29/0.19
Lowering speed, without/with rated load	m/s	0.40/0.55
Gradient, without/with rated load	%	12/10
Service-/parking brake		1 stage electromagnetic brake
Drive motor/Intermittent rating (S2 60')	kW	1.4/60
Lift motor/Intermittent rating (S3 15%)	kW	3.1/20
Battery weight	kg	200/320
Battery (5h discharge)	V/Ah	24/240
Steering system		steering arm
Speed control		transistor, stepless
Steering arc	°	180

Dimensions, mm		SPE135S
x	Back of fork to wheel centre, bogie/single	697/667
y	Wheel base	1360
h ₇	Platform height	150
h ₁₄	Height of handle in neutral pos.	1435
h ₁₃	Height of lowered fork	60
l ₂	Truck length incl. back of fork	920
b ₁	Chassis, width	850/1150
b ₂	Width across support arms, bogie/single	1160—1560/1070—1470
s	Fork thickness	40
e	Fork width	100
l	Fork length	1150
b ₅	Width across fork	260—900
b ₄	Width between support arms	900—1300
b ₁₄	Width of support arm, bogie/single	130/85
m ₁	Floor clearance, bogie/single	25/40
A _{st}	Aisle width, min	2479
W _a	Turning radius, bogie/single	1633/1603

Mast, mm		Duplex Tele			Duplex Hi-Lo					Triplex Hi-Lo					
h ₂₃	Total lift height	2350	2800	3350	2350	2900	3350	3750	4150	3350	3750	4150	4500	4800	5400
h ₁	Height of mast, min.	1710	1935	2210	1710	1985	2210	2420	2620	1680	1815	1950	2065	2165	2365
h ₂	Free lift	—	—	—	1195	1470	1695	1895	2095	1160	1295	1430	1545	1645	1845
h ₄	Height of mast, max.	2870	3320	3870	2870	3420	3870	4280	4680	3875	4275	4675	5025	5325	5925

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.

Data is based on small size battery compartment and Triplex mast





- 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 optimal traction and minimum steering force.
- The comfortable steering arm, with its modern design, facilitates one hand operation. The lift, lowering and driving functions are ergonomically placed on the steering arm and can be operated by finger tip force.
- The Sensi-lift function offer precise and intuitive control of the lift and lowering speeds.
- Individual driver parameters, top speed, acceleration and automatic speed reduction, to meet driver skills can be programmed via the key board (no tool needed).
- The BT Powerdrive system provides reliability and simplicity. Can-bus technology means fewer parts and reliable transmission of data. A Pin code start up procedure offers higher operational safety by stopping unauthorised driving.
- Two different battery compartments provide the truck with excellent flexibility.

Truck features	SPE135S
Adjustable fork width	S
BT Powerdrive System	S
Powertrak traction system	S
Controls and instrument	
Fingertip controls	S
Information display	S
Power/Electronic steering	O
Temporary speed reduction (turtle button)	O
Tiller arm steering	S
Driving features	
180° steering	S
Electronic braking system	S
Electronic speed control	S
Flip-down driver platform	S
Safety features	
BT Access Control	S
Clear-view mast	S
Folding sideguards	S
Programmable performance	S
Maintenance features	
Easy access for maintenance	S
Fault diagnosis facility	S
Battery management features	
Battery change facility	O
Battery status indicator	S
Heavy duty battery compartments	O
Sideways battery change	O
Special applications	
Coldstore version	O

S = Standard feature

O = Optional feature