



Designed for easy operation in shops, factories and small stores these Ixion's are fully powered stackers with high performance but minimum size. The chassis width is only 800mm which, combined with 208° steering, provides exceptional manoeuvrability.



Technical Details		SWE100	SWE120
Operating type		pedestrian	pedestrian
Rated capacity	kg	1000	1200
Load centre	mm	600	600
Max. axle load drive wheel, without/with rated load		340/340	345/345
Max. axle load castor wheel, without/with rated load		235/365	350/470
Max. axle load supp.wheels, without/with rated load		230/1100	270/1350
Travel speed, without/with 750kg/with rated load		6.0/6.0/5.3	6.0/6.0/5.3
Lift speed, without/with rated load		0.19/0.10	0.19/0.10
Lowering speed, without/with rated load		0.15/0.19	0.15/0.19
Gradient, without/with rated load		12/10 ¹⁾	12/10 ¹⁾
Service-/parking brake		electromagnetic	electromagnetic
Drive motor/Intermittent rating	kW/%	1.2/60	1.2/60
Lift motor/Intermittent rating	kW/%	2.2/5.0	2.2/5.0
Steering system		steering arm	steering arm
Speed control		transistor, stepless	transistor, stepless
Steering arc	°	208	208

Dimensions, mm		SWE100	SWE120
x	Back of fork to wheel centre, bogie/single	—/731	733/733
y	Wheel base	1303	1309 ²⁾
	Drive wheel, Powerfriction ³⁾	Ø 215x70	Ø 215x70
	Castor wheels, Vulkollan	Ø 125x40	Ø 125x40
	Support arm wheels, bogie or single, Vulkollan	Ø 80x95	Ø 80x95
h ₇	Platform height	170	150
l ₄	Platform length	400	400
h ₁₄	Height of handle in neutral pos., without/with platform	1365/1415	1365/1415
h ₁₃	Height of lowered fork	90	90
l ₂	Truck length incl. fork face, without/with platform up/down	731/826/1200	741/836/1210 ²⁾
b ₁	Chassis, width	800	800
s	Fork thickness	60	60
e	Fork width	180	182
l	Fork length	1150/1000	1150/1000
b ₅	Width across fork	520/570/685	450/520/530/570/685
m ₁	Floor clearance under mast	20	25
A _{st}	Aisle width, without/platform up/down	2134/2235/2610	2113/2214/2589 ²⁾
W _a	Turning radius, without/with platform up/down	1483/1580/1954	1479/1580/1955 ²⁾

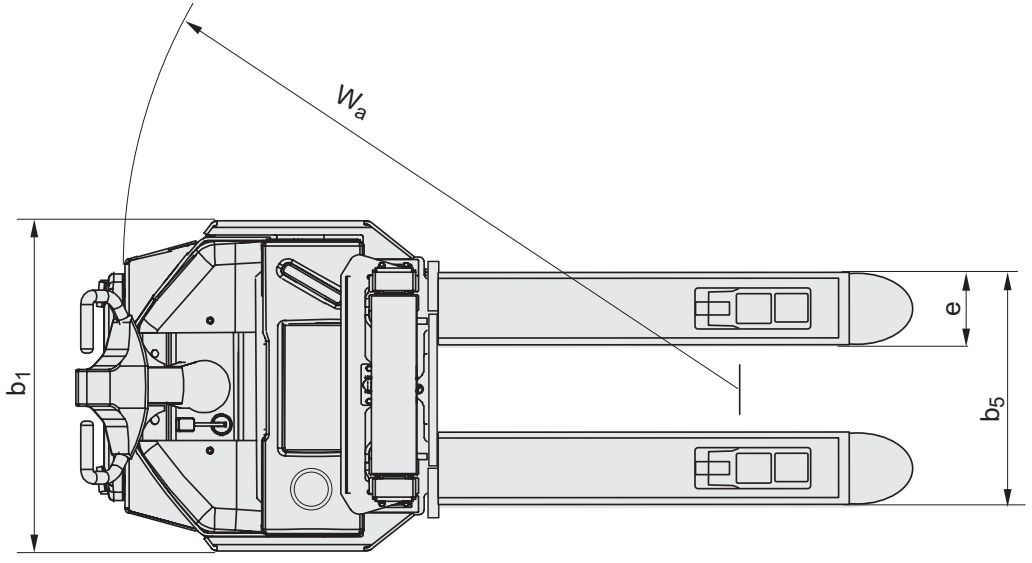
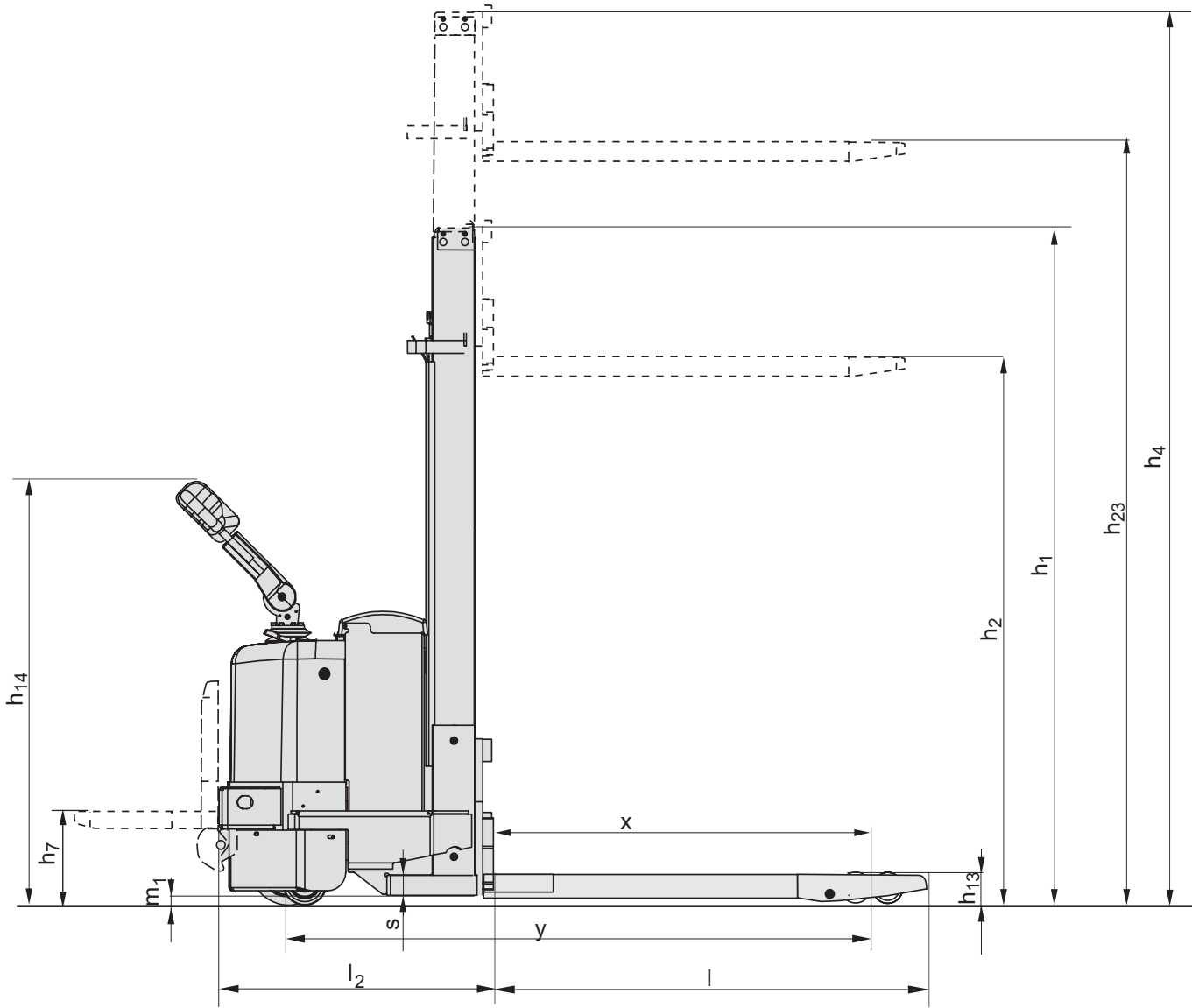
Mast, SWE100			Simplex		Duplex Tele		
h₂₃	Total lift height	mm	1400	1700	2700	2900	3300
h ₁	Height of mast, min.	mm	1820	2125	1839	1945	2144
h ₂	Free lift	mm	1400	1700	160	160	160
h ₄	Height of mast, max.	mm	1820	2125	3110	3320	3720
	Weight without battery ⁴⁾	kg	520	530	570	576	590
	Battery (5h discharge), min./max.	V/Ah	24/165/195				
	Battery weight, min./max.	kg	150/200				

Mast, SWE120			Simplex		Duplex Tele				Duplex Hi-Lo				
h₂₃	Total lift height	mm	1400	1700	2700	2900	3300	3700	2700	2900	3300	3700	4150
h ₁	Height of mast, min.	mm	1820	2125	1839	1945	2144	2344	1839	1945	2144	2344	2569
h ₂	Free lift	mm	1400	1700	160	160	160	160	1400	1500	1700	1900	2125
h ₄	Height of mast, max.	mm	1820	2125	3110	3320	3720	4120	3110	3320	3720	4120	4570
	Weight without battery ⁴⁾	kg	635	660	705	714	732	750	705	714	732	750	768
	Battery (5h discharge), min./max.	V/Ah	24/165/300										
	Battery weight, min./max.	kg	150/260										

- 1) Due to motor characteristics. Please ask technical support regarding driving on ramps and gradients
- 2) Large battery compartment +52 mm
- 3) Other alternatives available
- 4) Platform weight 30 kg

Data is based on l=1150mm, h₂₃ = 3300mm, without platform, small battery compartment.

Performance may vary due to motor and system efficiency tolerance and represents nominal values obtained under typical operating conditions.
 BT Products AB products and specifications are subject to change without notice.
 All data is based on VDI 2198.





- 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.
- 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.
- The castor wheels fully rotate within the profile of the truck ensuring safety for the operator, and easy turnings in the tightest situations.

Truck features	SWE100	SWE120
Bogie fork wheels	—	S
BT Powerdrive System	S	S
Spring-loaded drive wheel	S	S
Controls and instrument		
Information display	S	S
Temporary speed reduction (turtle button)	O	O
Tiller arm steering	S	S
Driving features		
208° steering	S	S
Electronic braking system	S	S
Electronic speed control	S	S
Flip-down driver platform	O	O
Safety features		
Automatic parking brake	S	S
Clear-view mast	S	S
Emergency collision button	S	S
Programmable performance	S	S
Drivers compartment features		
Storage compartments	S	S
Maintenance features		
Easy access for maintenance	S	S
Battery management features		
Built-in charger	O	O
Heavy duty battery compartments	—	O
Sideways battery change	—	O

S = Standard feature

O = Optional feature

— = Not available

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