



BT Tyro / SHE120S

Powered Pallet Truck with Straddle

This powered pallet forklift is a compact and highly maneuverable electric stacker designed for light-duty applications and confined working areas. With a 1.2-ton lifting capacity, compact dimensions and a narrow turning radius, it is ideal for warehouses, mezzanines and other space-restricted environments.

Its ergonomic tiller allows vertical driving for improved control and safety in tight spaces, while automatic speed reduction in turns provides additional stability. The robust steel construction, wide mast and welded forks ensure durability and clear visibility of the load.



Specification	SHE120S
Service Weight	825 - 860 kg
Load Capacity	1200 kg
Mast height, lowered	1940 - 2290 mm
Overall Length	1790 mm
Overall Width	1181 - 1481 mm
Turning Radius	1345 mm
Travel Speed, with/without load	4.2 / 4.5 km/h
Drive Motor Rating S2 60 min	0.65 kw
Battery Weight +/-5%	17 kg
Sound level at the driver's ear according to EN 12 053	<70 dB(A)



Perfect for light-duty applications



High maneuverability



Fast-charging Li-ion batteries



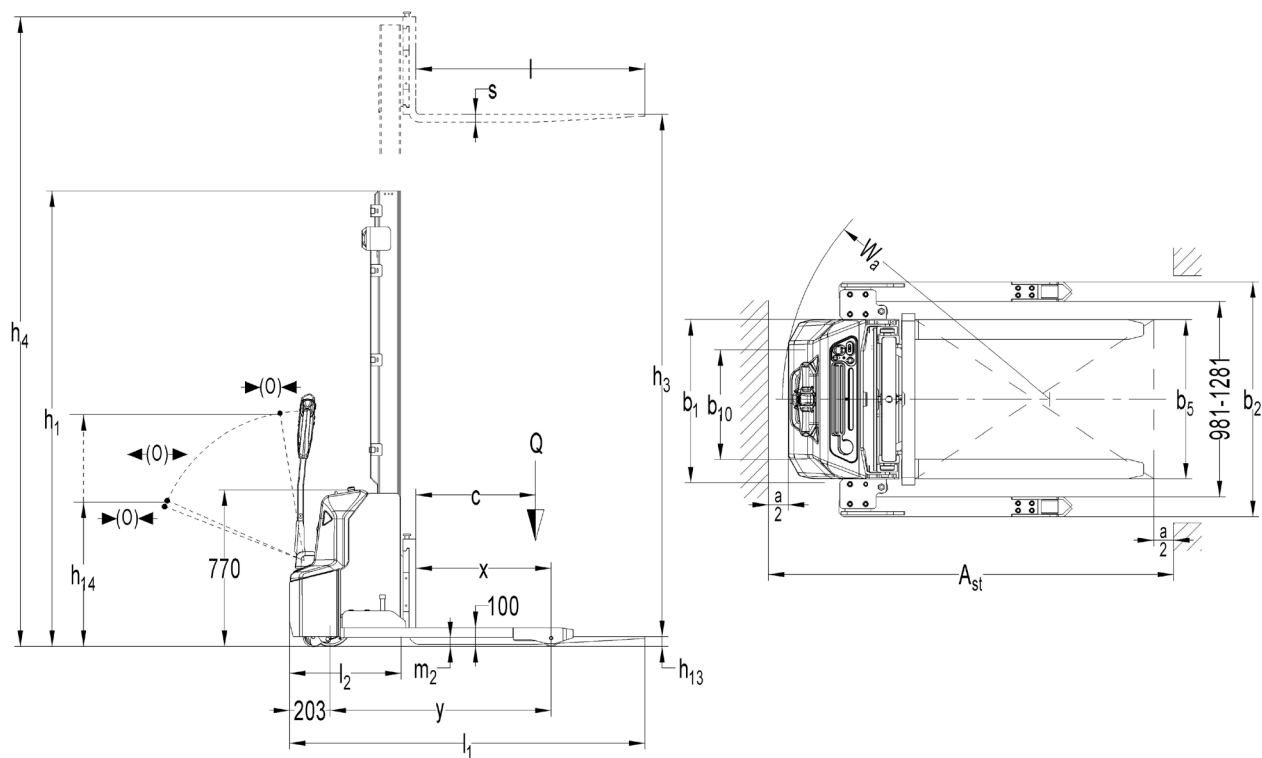
Compact & light service weight

Technical Specification

Distinguishing mark	1.2	Manufacturer's type designation		SHE120S	
				h1 = 2900	h1 = 3600
	1.3	Power		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load Capacity / rated load	Q (t)	1.2	
	1.6	Load centre distance	c (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	x (mm)	674	
	1.9	Wheelbase	y (mm)	1111	
Weight	2.1	Service weight	kg	795	825
	2.2	Axle loading, laden front/rear	kg	735 / 1260	745 / 1280
	2.3	Axle loading, unladen front/rear	kg	605 / 190	625 / 200
Tires, chassis	3.1	Tires		Polyurethane	
	3.2	Tire size, front	Ø x w (mm)	Φ 210 x 75	
	3.3	Tire size, rear	Ø x w (mm)	Φ 84 x 93	
	3.4	Additional wheels(dimensions)	Ø x w (mm)	Φ 100 x 40	
	3.5	Wheels, number front/rear(x=driven wheels)		1x + 2 / 2	
	3.6	Track, front	b10 (mm)	520	
Dimensions	4.2	Mast height, lowered	h1 (mm)	1940	2290
	4.3	Free Lift height	h2 (mm)	-	
	4.4	Lift height	h3 (mm)	2814	3514
	4.5	Mast height, extended	h4 (mm)	3364	4064
	4.9	Height of tiller in drive position min./ max.	h14 (mm)	710 / 1150	
	4.15	Height, lowered	h13 (mm)	50	
	4.19	Overall length	l1 (mm)	1790	
	4.20	Length to face of forks	l2 (mm)	640	
	4.21	Overall width	b1 / (b2) (mm)	800 / (1181 / 1231 / 1281 / 1381 / 1481)	
	4.22	Fork dimensions	s/e/l (mm)	40 / 100 / 1150	
	4.25	Width across forks	b5 (mm)	252 - 800	
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	40	
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2228	
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2206	
	4.35	Turning radius	Wa (mm)	1345	
Performance data	5.1	Travel speed, laden/ unladen	km/h	4.2 / 4.5	
	5.2	Lift speed, laden/ unladen	m/s	0.11 / 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	
Engine	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 K5	V/Ah	24 / 60	
	6.5	Battery weight +/-5%	kg	17	
	6.6	Energy consumption acc: to VDI cycle	kWh/h	0.6	
Other Details	8.1	Type of drive control		DC	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	<70	

Mast Table SHE120S

Mast Dimensions	SHE120S			2900	3600
	h23	Lift Height (h3 + h13)	mm	2864	3564
	h1	Mast height, lowered	mm	1940	2290
	h4	Mast height, extended	mm	3364	4064
	h2	Free Lift height	mm	-	-



Distributor information