


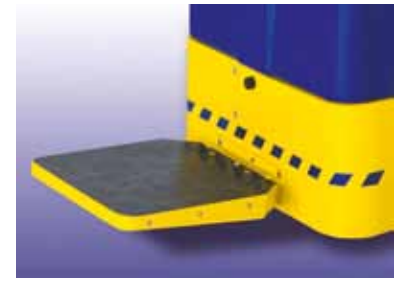


EHS 1600

ELECTRIC PEDESTRIAN CONTROLLED CONTROLLED HIGH LIFT PALLET STACKING TRUCK

STÖCKLIN – YOUR ADVANTAGES

- Narrow aisle widths
- Suitable for block warehousing
- Ideal handling
- Efficient and fast movement of goods
- Best quality and long service life
- High serviceability
- High efficiency due to powerful drives
- Operates with A.C. current 



DRIVE

Features maintenance-free A.C. motor as a standard (2.2 kW). Advantages: Top torque with low revolutions, smooth running.

The lateral drive and the lateral support roller guarantee optimum stability.

The motor is firmly mounted; no movement of cables when steering.

All the wheels are made of durable Vulkollan.

ELEKTRONIC SYSTEM

Freely programmable microprocessor control. No operation direction contactors.

The operational behaviour (acceleration, timing and speed) can be adapted to the customer's individual requirements.

DIMENSIONS

The width of 800 mm is ideal for block warehousing. The reduced length of the front-pad, only 785 mm (incl. battery change from the side) saves space in confined areas or allows faster handling of pallets. Thanks to 3D CAD construction, good accessibility for maintenance is still guaranteed.

ERGONOMY AND SAFETY

The centrally mounted steering handle and free-visibility masts provide for ideal visibility when picking and positioning loads.

The lift can be finely controlled using the large adjustable push buttons on the ergonomically designed steering handle.

Option: electrical power-assisted steering.

STRUCTURE AND EQUIPMENT

The standard free-visibility fork-lift frame can be supplied in a variety of heights (optionally with full free lift).

A roll-out mechanism is provided for operation with replaceable batteries. The modular principle allows multiple use of standard components, such as drive, controls, load part.

High degree of standard equipment:

Tandem load castor rollers,
EMERGENCY STOP button, combined working hours meter/battery controller, etc.

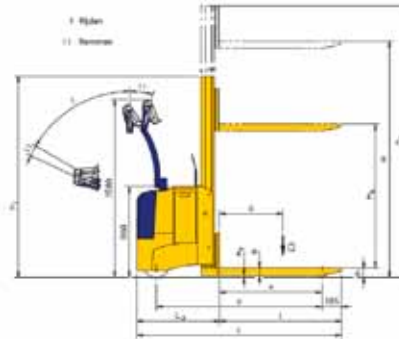
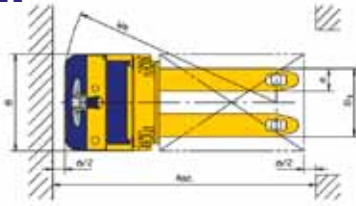
Can also be supplied in the following versions:

- Ex 2G/3G Atex (zone 1 and 2)
- EHF – Special forks
- EHG – Free-lift forks
- with stand-on platform (EHS 1600-P)

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EHS 1600

TECHNICAL DATA



1.2	Type	EHS 1600	EHS 1600-P*
Performance data			
1.5	Load capacity/Initial lifting load	Q[kg]	—
	Load capacity/Fork lifting load	Q[kg]	1600
1.6	Distance to centre of gravity of load	c[mm]	600
5.1	Top speed with/without load	[km/h]	{8,0/9,5}
5.2	Lifting speed with/without load	[m/s]	0,15/0,3
5.3	Lowering speed with/without load	[m/s]	0,5/0,3
5.8	Max. gradient with/without load	[%]	8,0/10,0

Dimensions			
1.8	Load distance	x [mm]	970 (715)
1.9	Wheel base	y [mm]	1570 (1315)
4.4	Initial lifting	hi [mm]	—
4.9	Height min./max. steering handle in use	h1 [mm]	900/1400 1000/1330
4.15	Forks lowered	h [mm]	90
4.19	Overall length	L [mm]	1940 2440 [2030]
4.20	Length of front pad	L2 [mm]	785 1285 [875]
4.21	Overall width	B [mm]	800
4.22	Dimensions of forks	s/e/l [mm]	60/186/1155
4.25	Distance between outer edge of forks	B3 [mm]	562
4.32	Floor clearance in lowered position	m2 [mm]	30
4.34	Width pallet service zone 800x1200	Ast [mm]	2185 2685 [2275]
	safety distance	a/2 [mm]	100
4.35	Turning radius	Wa [mm]	1780 (1528) 2270 [1850]

() = Optional length of forks 900mm * = Platform version, operational [folded up]

Weight (mast A 28, 270 Ah, 1600 kg)			EHS 1600	EHS 1600-P*
2.1	Weight of vehicle, with battery	[kg]	1160	
2.2	Load per axle with front/rear load	[kg]	1220/1540	
2.3	Load per axle without front/rear load	[kg]	870/290	

Wheels				
3.1	Tyres of all wheels		Vulkollan	
3.2	Drive wheel		1x254/82	
	Type of drive/steering handle		lateral/centre	
3.3	Load rollers		4x83/70	
3.4	Support rollers		1x150/80	1x2x140/40

Drive and control				
6.1	Driving motor	[kW]	2,2	
6.2	Lifting motor	[kW]	3,0	
8.1	Driving control	[A]	1,2	3,0
5.10	Driving brake		Motor+DC current	
	Parking brake electro-mech.	[Nm]	16	

Battery			
6.3	Type of battery		PPV-DIN
6.4	Battery voltage, capacity	[V/Ah]	24/270 (360**)
	Battery designation		3PZS270 (4PZS360**)

** Lengths L and L2 + 85mm
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Mast models	4.2	4.3	4.4	4.5	4.2	4.3	4.4	4.5		
	Type	Overall height h1	Free lift h5	Lifting height H	Max. height h4	Type	Overall height h1	Free lift h5	Lifting height H	Max. height h4
	A18	1445	100	1786	2240	B18	1410	886	1786	2240
	A24	1710	100	2386	2840	B24	1710	1286	2386	2840
	A28	1910	100	2786	3240	B28	1910	1486	2786	3240
	A30	2010	100	2986	3440	B30	2010	1586	2986	3440
	A34	2210	100	3386	3840	B34	2210	1786	3386	3840
	A38	2410	100	3786	4240	B38	2410	1986	3786	4240
						C39	1845	1415	3936	4376
						C44	2010	1585	4436	4876
						C48	2150	1735	4836	5276
						C52	2370	1935	5236	5676

Stöcklin, or one of our partners in your region will be pleased to advise you.

Subject to technical modifications.

Stöcklin

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