

EDD 12-P

ELECTRIC PEDESTRIAN-CONTROLLED HIGHLIFT TRUCK WITH PLATFORM

STÖCKLIN – YOUR ADVANTAGE

High performance, small dimensions.

- Double deck provides high handling capacity
- Optimal handling
- Small passage widths
- Ideal for tight maneuvering

State-of-the-art technology

- Standardized electric steering
- Powerful AC driving/steering drives
- Smooth speed-controlled lifting
- Fast data flow with CAN-BUS technology
- Safe operation even on slopes
- Optimal driving and lifting in any circumstances
- Low power consumption

Robust Swiss quality

- The highest quality with a long service life
- Easiest possible maintenance
- Optimal price-performance ratio
- Reasonable spare parts price policy
- Offers lowest possible TCO (total cost of ownership)

STATE-OF-THE-ART ELECTRONICS

Freely programmable microprocessor controller. The AC driving and steering motors are designed to save energy.

CAN-BUS technology with optimal shielding.

LOS system (limited operating strategy) enables limited driving even in the case of defects. The driving and steering behavior as well as other parameters can be adjusted to customer requirements with the handheld programming console. All sensors are initiators without life-time limitation.

CONSTRUCTION AND EQUIPMENT

Developed from our best modular systems with multiple use of components.

Very robust build for high handling performance. A range of different forklift frames available ex stock. Double tier with up to 1800 mm lift. Combined battery monitor with error code display.

Lead-acid battery 24V – 280/345 Ah or our safe "Li-Ion" battery 25.6 V – 195-300 Ah with display.

OPTIONS

- Lithium-ion energy packages "Li-Ion"
- Side-mounted battery changing system for 345 Ah
- Fixed side panels (max. 1800 mm lift)
- No side protection, only platform (max. 6 km/h)
- Customizable load parts



MAXIMUM ERGONOMICS AND SAFETY

The triple-suspension platform offers a high level of driving comfort. The standard power steering and short drawbar make for very comfortable steering. Responsive speed reduction and steering sensitivity that adapts to the steering angle for smooth driving behavior.

The ergonomically designed drawbar head allows for precise handling even while wearing work gloves.

The large lift switches enables evenly gradated, proportional lifting and lowering. Operation is also possible

with a vertical drawbar position using the additional bypass switch. The side drive and a lateral support roller guarantee high driving stability.

POWERFUL DRIVES

Maintenance-free, smooth-running AC driving and steering motors with high torque at very low speed.

Charging during electronic brake application.

Powerful, variable-speed hoisting motor with low-noise, high-pressure pump.

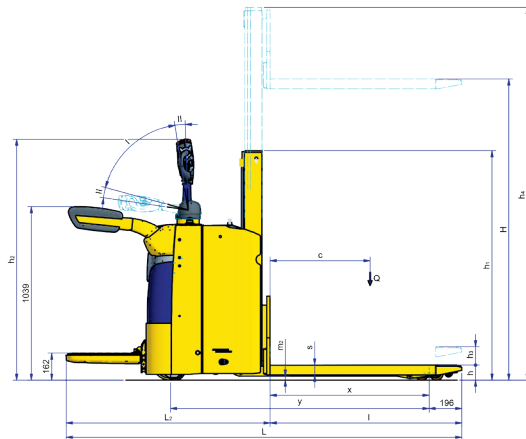
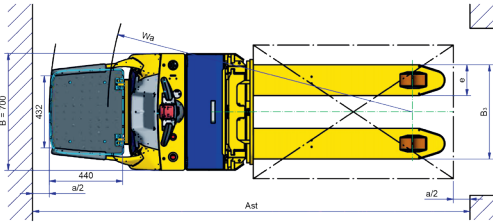
SMALL DIMENSIONS

With a width of 700 mm, the device is also ideal for block storage.

The compact front pad saves aisle space and enables faster pallet handling.

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TECHNICAL DATA



1.2	Type	EDD 12-P	
Performance data			
1.5	Load capacity/Initial lifting load	Q[kg]	2000
	Load capacity/Fork lifting load	Q[kg]	1200
	Load capacity total (two levels)	Q[kg]	2000
1.6	Distance to center of gravity of load	c[mm]	600
5.1	Top speed with/without load	[km/h]	5.5/5.5
	Top speed with/without load*	[km/h]	9.0/9.5
5.2	Lifting speed with/without load	[m/s]	0.1/0.14
5.3	Lowering speed with/without load	[m/s]	0.45/0.25
5.8	Max. gradient with/without load	[%]	8.0/17.0
Dimensions			
1.8	Load distance	x [mm]	954
1.9	Wheelbase	y [mm]	1552
4.4	Initial lift	h ₃ [mm]	110
4.9	Height of drawbar in drive position min./max.	h ₂ [mm]	1105/1300
4.15	Fork height, lowered	h [mm]	90
4.19	Total length	L [mm]	2015/2373*
4.20	Front pad length	L ₂ [mm]	865/1223*
4.21	Total width	W [mm]	700
4.22	Dimensions of fork	s/e/l [mm]	60/185/1150
4.25	Distance between outer edge of forks	W ₃ [mm]	565
4.32	Floor clearance, lowered position	m ₂ [mm]	24
4.34	Pallet service zone width 800x1200	branch [mm]	2274/2625*
	Safety distance	a/2 [mm]	100
4.35	Turning radius VDI3597	W _a [mm]	1827/2178*

* platform lowered
 **lengths L and L2 + 70 mm
 Subject to technical changes.

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

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Weights (1200 kg, A 18, 280 Ah)				
2.1	Weight of vehicle incl. battery	[kg]	950	
2.2	Load per axle with front/rear load	[kg]	993/1157	
2.3	Load per axle without front/rear load	[kg]	718/232	
Wheels				
3.1	Tire type on all wheels		Vulkollan	
3.2	Drive wheel		1x230/75	
	Type of drive/drawbar		lateral/centered	
3.3	Load rollers		4x83/70	
3.4	Support rollers		1x2x125/50	
Drive and control				
6.1	AC driving motor (S2=60min)	[kW]	2.5	
	Motor type		three-phase current (AC)	
6.2	DC lifting motor (S3=9%)	[kW]	3.0	
8.1	Combined driving and lift control	[A]	350/300	
5.10	Driving brake		Motor and counter current	
	Electromechanical parking break	[Nm]	40	
Battery 24 V				
6.3	Battery type		DIN	
6.4	Battery voltage, capacity	[V/Ah]	24/280 (345**)	
	Battery designation	lead acid	2PzS280 (3PzS345**)	
		Li-Ion	195/255 (210/300**)	
6.6	Energy consumption VDI cycle	[kWh/h]	1.1	
Mast models				
	4.2	4.3	4.4	4.5
Type	Clear height h ₁	Free lift h ₅	Lifting height H	Total height extended h ₄
A15	1220	–	1500	1930
A18	1370	–	1800	2230
A21	1520	–	2100	2530
A24	1670	–	2400	2830
C21	1177	–	2156	2557
C24	1277	–	2456	2857

SWISS QUALITY / ISO 9001