

EDP 22

Drawbar low lift truck



STÖCKLIN – YOUR ADVANTAGES

Compact and easy to handle

- Higher productivity
- Ideal handling
- High degree of flexibility

Modern electronic control

- A.C. drive motor with CAN BUS technology
- Safe handling even on slopes
- Smooth transport of materials and reduced vehicle wear
- Optimum response at all times
- Power saving
- Emergency driving system

Sturdy Swiss Quality

- Best quality and long service life
- High serviceability
- Best value for money
- Reasonable spare part prices
- Lowest possible TCO (total cost of ownership)

DRIVE

Maintenance-free, smooth-running three-phase AC motor with high torque at lowest speed.

Charging during electronic brake application. The centre drive with two lateral spring mounted and damped support rollers ensures high stability and optimum traction in materials handling. All wheels (load rollers inclusive) made of durable Vulkollan.

ELECTRONIC SYSTEM

User-programmable microprocessor controller. COMBINED drive and lift control. The AC travel drive and the variable-speed DC hoisting motor are energy-saving. The standard initial lift stop protects the powerful hydraulic unit and the valves. CAN BUS technology with best screening. The LOS (Limited Operating Strategy) system allows limited travel motion in case of failures that cause a standstill. The operational response and other parameters can be easily adapted to the customer's individual requirements by means of a manual programming device.

DIMENSIONS

Constructed using the latest in 3D computer aided design, it is extremely compact.

What it lacks in size is made up for in serviceability. The removable protective cover facilitates the maintenance and adjustment.



ERGONOMICS AND SAFETY

The centred steering handle provides more agility due to a maximum of freedom of movement.

The ergonomically designed tiller allows for a precise handling even with working gloves on both hands. Handling in narrow spaces even with vertical steering handle due to the additional bridging switch.

STRUCTURE AND EQUIPMENT

Developed from a new complex modular system with multiple use of standard components. Very rugged despite its compact design. Axle and bolts of the load wheels and the hoisting gear made of stainless steel.

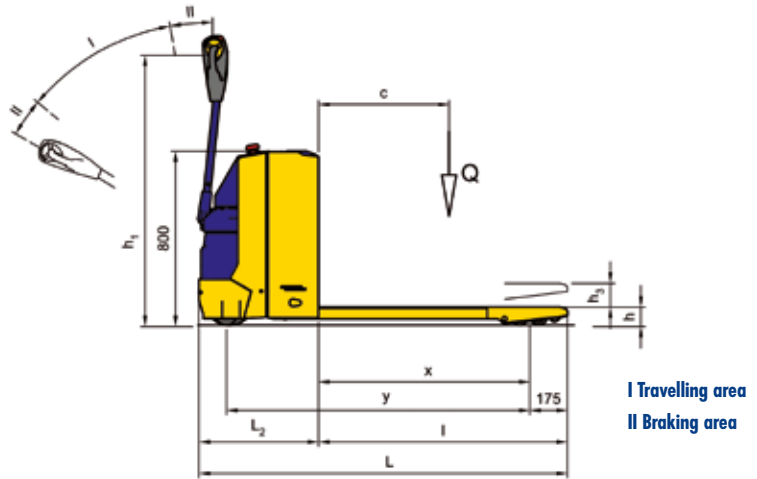
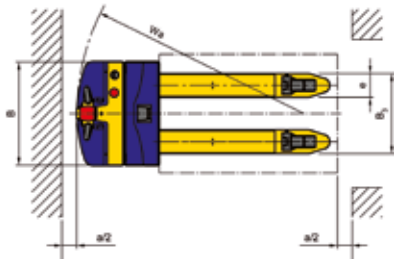
EMERGENCY STOP button, combined working hours meter, battery controller with error code indicator. Built-in charger 25A/230V. Battery 24V – 250 Ah.

OPTIONS

- Load capacity 2500kg up to max. length 1250 mm
- Side-mounted battery changing system
- Protective grid
- Muted support rollers
- Client-specific load parts
- Available in cold store version
- Lithium-ion energy packages „Li-Ion“

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Technical data



1.2 Model

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Performance data

1.5	Load capacity/Initial lifting load	Q[kg]	2200
1.6	Distance to centre of gravity of load	c[mm]	600
5.1	Top speed with/without load	[km/h]	5,5/5,5
5.2	Lifting speed with/without load	[m/s]	0,04/0,05
5.3	Lowering speed with/without load	[m/s]	0,05/0,04
5.8	Max. gradient with/without load	[%]	8,0/17,0

Dimensions

1.8	Load distance	x [mm]	975
1.9	Wheel base	y [mm]	385
4.4	Initial lifting	h ₃ [mm]	120
4.9	Height min./max. steering handle in use	h ₁ [mm]	760/1290
4.15	Forks lowered	h [mm]	85
4.19	Overall length	L [mm]	1700
4.20	Length of front pad	L ₂ [mm]	550
4.21	Overall width	B [mm]	700
4.22	Dimensions of forks	s/e/l [mm]	55/160/1150
4.25	Distance between outer edge of forks	B ₃ [mm]	540
4.32	Floor clearance in lowered position	m ₂ [mm]	30
4.34	Width pallet service zone (800x1200) VDI3597	branche [mm]	1955
	Safety Distance	a/2 [mm]	100
4.35	Turning radius	Wa [mm]	1530

*Lengths L, L₂ + 70 mm

Subject to technical modifications.

Weight

2.1	Weight of vehicle with battery	[kg]	555
2.2	Weight on front/rear axle with load	[kg]	1016/1739
2.3	Weight on front/rear axle without load	[kg]	420/135

Wheels

3.1	Tyres of all wheels	Vulkollan
3.2	Drive wheel	1x230/70
	Type of drive/steering handle	centred/centred
3.3	Load rollers	2x83/90
3.4	Support rollers	2x100/40

Drive and control

6.1	Driving motor A.C.	[kW]	1,2
6.2	Lifting motor D.C.	[kW]	1,2
8.1	Driving control	combined [A]	200
5.10	Driving brake		motor/counter current
	Parking brake, electro-mechanical	[Nm]	11

Battery

6.3	Type of battery		DIN
6.4	Battery voltage, capacity*	[V/Ah]	24/250 (345**)
	Battery type	lead acid	[Ah] 2PzS250 (3PzS345**)
		Li-Ion	[Ah] 105/195 (210/300**)
6.6	Energy consumption VDI cycle	[kWh/h]	0,7

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

Stöcklin

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