



ESPK 20 / -H




STÖCKLIN – YOUR ADVANTAGES

Compact and easy to handle

- **Comfortable access**
- **Ideal handling**
- **High degree of flexibility**

Modern electronic control

- **A.C. drive motor with CAN BUS technology** 
- **High drive speed 14 km/h**
- **Driving application from the outside of the lift truck**
- **Emergency driving system**

Sturdy Swiss Quality

- **Best quality and long service life**
- **High serviceability**
- **Best value for money**
- **Reasonable spare part prices**

DRIVE

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

Charging during electronic brake application. The centre drive ensures high stability. All wheels (load rollers inclusive) made of durable Vulkollan.

ELECTRONIC SYSTEM

User-programmable microprocessor controller. The AC travel and steering motors are energy-saving. The electric steering does not require any potentiometer. CAN-BUS technology with best screening. LOS (Limited Operating Strategy) system – Emergency travel program after standstill due to failure. 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. Robust and compact construction. Chassis cowling in steel.

ERGONOMICS AND SAFETY

Contact floor mat for driving release. Easy and safe operation due to proprietary rigid multi-function handle. The perceptible resistance of the steering wheel can be mechanically adjusted. Two level steering-angle dependent speed reduction. Speed-dependent steering wheel sensitivity. Comfortably padded back rest. Creep speed by push buttons fitted on partition panel possible.

STRUCTURE AND EQUIPMENT

Developed from a new complex modular system with multiple use of standard components. Axle and bolts of the load wheels and the hoisting gear made of stainless steel. Deposition shelf compartment. Driving push buttons on both sides: forward and backward. EMERGENCY STOP button, combined working hours meter, battery controller with error code indicator. Battery 24V – 465Ah. Battery change from the side.

Building variety ESPK 20-H:

With man-hub - 1000 mm from floor.

Smooth starting and breaking ramps.

Drawbar rising with hub. Lowering also possible by use of a foot switch.

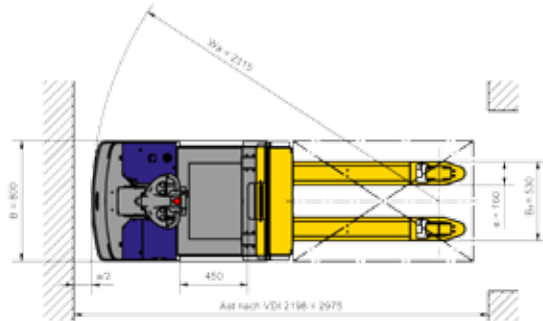
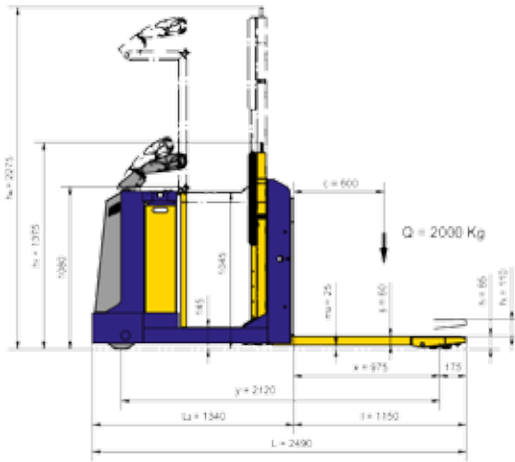
Options:

- Battery 24V – 620Ah
- Special fork lengths
- Various specific drive wheels

Stocklin

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TECHNICAL DATA



1.2 Model ESPK 20/-H

Performance data

1.5	Load capacity/Initial lifting load	Q[kg]	2000
1.6	Distance to centre of gravity of load	c[mm]	600
5.1	Top speed with/without load	[km/h]	13,0/14,0
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	[%]	8,0/10,0

Dimensions

1.8	Load distance	x [mm]	975
1.9	Wheel base	y [mm]	2120
4.4	Initial lifting	hi [mm]	110
4.15	Forks lowered	h [mm]	85
4.19	Overall length	L [mm]	2490
4.20	Length of front pad	L2 [mm]	1340
4.21	Overall width	B [mm]	800
4.22	Dimensions of forks	s/e/l [mm]	60/160/1150
4.25	Distance between outer edge of forks	B3 [mm]	530
4.32	Floor clearance in lowered position	m2 [mm]	25
4.34	Width pallet service zone (800x1200) VDI3597	Ast [mm]	2975
	Safety distance	a/2 [mm]	100
4.35	Turning radius	Wa [mm]	2315

ESPK 20/-H

Weight (battery 465 Ah, 2000 kg)

2.1	Weight of vehicle with battery	[kg]	1260
2.2	Weight on front/rear axle with load	[kg]	1275/1985
2.3	Weight on front/rear axle without load	[kg]	920/340

Wheels

3.1	Tyres of all wheels	Vulkollan
3.2	Drive wheel	1x254/100
3.3	Load rollers	4x83/70
3.4	Support rollers	1x2x140/40

Drive and control

6.1	Driving motor A.C. S ₂ 60 min	[kW]	2,5
6.2	Lifting motor D.C.	[kW]	2,0
8.1	Combined driving and lifting control	[A]	350
5.10	Driving brake		motor/counter current
	Parking brake, electro-mechanical	[Nm]	55

Battery

6.3	Type of battery	PPV-DIN	
6.4	Battery voltage, capacity	[V/Ah]	24/465 (620*)
	Battery designation		3EPzS465 (4EPzS620*)

* Lengths L and L2 + 85 mm

Subject to technical modifications.

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

Stöcklin

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SWISS QUALITY / ISO 9001