



Electric Pallet Stacker

LEDS 16

Load capacity 1,600kg

The best solution..... for your material handling

Design features

- Powerful AC drive motor for use in warehouses and on ramps
- Low energy consumption and easy maintenance
- Narrow aisle width
- Excellent manoeuvrability with small turning radius
- Easy cross of ramps by using the initial lift

Operating elements

- Multifunctional, ergonomical handle with integrated hand guard
- Turtle mode for precise operation in small areas – also possible with elevated handle
- Big rocker buttons for proportional lifting and lowering

Standard equipment

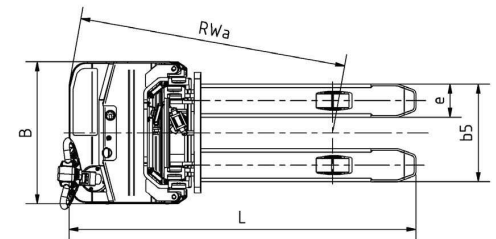
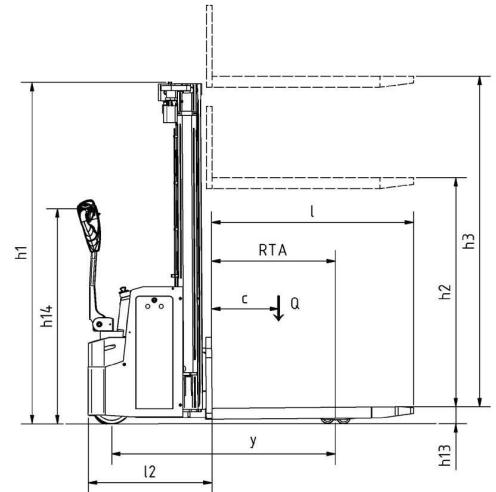
- Modern AC technology for driving and lifting
- Energy saving and sensitive proportional hydraulic system
- Shock-free lowering of load by hydraulic damper
- Tandem vulkollan load wheels
- Vulkollan drive tyre
- Lateral battery change
- Multifunction display

Options

- Initillift 120 mm
- Batteries: 24V 3 EpzS max. 375Ah



Manufacturers specific. and design features				Oct 2012		
Distinguishing mark	type designation			LEDS16	LEDS16	LEDS16i
	Drive			Electric	Electric	Electric
	Operator type			Pedestrian	Pedestrian	Pedestrian
	Load capacity			Q t	1,6	1,6
	Load centre distance			C mm	600	600
Load distance			X mm	735	835	
Weight	Service weight, incl. Battery			kg	950	1260
	Axle loading, laden front/rear			kg	1760/940	1830/1026
	Axle loading, unladen front/rear			kg	800/330	880/380
Tyres, Chassis	Tyres			Vulkollan	Vulkollan	Vulkollan
	Drive Wheel			mm	Ø230 x 80	Ø230 x 80
	Load Wheel			mm	Ø85 / 78	Ø85 / 78
	Support Wheel			mm	Ø125 x 50	Ø125 x 50
	Tread, front			mm	535	535
	Tread, rear			mm	360	385
Dimensions	Lift			h3 mm	s.table	s.table
	Initial lift			h5 mm	-	120
	Height of Tiller in drive position			h14 mm	1260	1260
	Height, lowered			h13 mm	90	90
	Overall length			l1 mm	1930	2000
	Length to face of forks			l2 mm	735	805
	Overall width			b1 mm	790	790
	Fork dimensions			e / l mm	185/1195	185/1195
	Distance between fork-arms			b5 mm	540	570
	Groundclearance, centre of wheelbase			m2 mm	35	35
	Aisle width for pallets, 800x1200 mm, along			Ast mm	2300	2370
	Turning radius			Wa mm	1490	1565
	Performance Dates	Travel speed, laden / unladen			km/h	5,5
lift speed, laden / unladen			m/s	0,13/0,20	0,13/0,20	
lower speed, laden / unladen			m/s	0,49/0,23	0,49/0,23	
Gradeability, laden / unladen			%	7/12	7/12	
Service brake				generat.	Generat.	
Electric-Engine	AC - Drive motor			kW	1	1
	DC - Lift motor			kW	3	3
	Battery acc. to DIN 43535 A / B / C / no			DIN B	2 EPzS	3 EPzS
	Battery voltage / nominal capacity			K5 V / Ah	24 / 250	24 / 375
	Battery weight			kg	220	350
	Impuls control for drive and lift				AC-impuls	AC-impuls



technical modifications are subject to alteration without notice

Mast Specifications LE DS 16				Free Lift (h2)			Rest Payload (kg)
Height of Stroke (h13+h3)	Overall Height (h1) Simplex	Overall Height (h1) Duplex	Overall Height (h1) Triplex	Simplex SF	Duplex DF	Triplex TF	
2890	1945	1945		0	1400		1600
3590	2295	2295		0	1750		1200
4190			1880			1300	800
4390			1950			1370	750
4790			2080			1565	650



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