Technical sheet :

## ES 616 LI (5PTS)

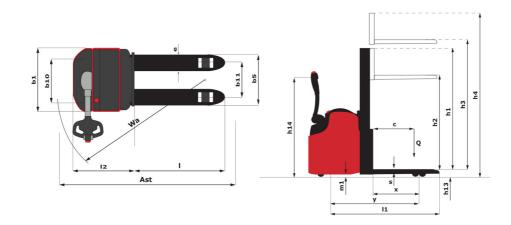




Technical characteristics	
Manufacturer	
Model Name	
Power source	
Operator type	
Max. capacity	
Load center of gravity	
Distance from Load backrest to center of rear axle	
Wheelbase	
Weight	
Service weight	
Weight on front axle (laden) / rear axle (laden)	
Weight on front axle (Unladen) / rear axle (Unladen)	
Wheels	
Tires type	
Number of load wheels / Size of load wheels	
Number of stabilizer wheels / Size of the stabilizer wheels	
Number of front wheels / rear wheels	
Number of drive wheels / Size of drive wheels	
Front wheel gauge	
Rear wheel gauge	
Dimensions	
Initial lift	
Fork height in low position	
Overall length	
Length to face of forks	
Overall width	
Forks section / width / length	
Fork carriage width	
Ground clearance at centre of wheelbase	
Aisle Width for pallets 1000 x 1200 crossways	
Aisle width for 800 x 1200 pallet lengthways	
Turning radius	
Height tiller min. / max.	
Performances	
Travel speed (laden / unladen)	
Lifting speed (laden / unladen)	
Lowering speed (laden / unladen)	
Max Gradeability (laden / unladen)	
Service brake	
Engine	
Drive motor rating \$2.60 min	
Lift motor rating at S3 15%	
Battery according to DIN 43531/35/36 A, B, C	
Battery voltage / capacity	
Battery weight (+/- 5%)	
Miscellaneous	
Type of drive control	
Sound level at the driver's ear according to DIN 12 053	

LI (3F I 3	) Greated off May 0, 2024 at 11.21.37 1 W 010
	Metric
	Manitou
	ES 616 LI 5 point
	Electrical
	Pedestrian
Q	1600 kg
С	600 mm
х	848 mm
у	1492 mm
	1327 kg
	1246 kg / 1670 kg
	1033 kg / 290 kg
	Bandage
	2 / 140x60
	1 / 140x60
	2 / 4
	1/230x70
b10	529 mm
b11	380 mm
h5	110 mm
h13	86 mm
11	2174 mm
12	976 mm
b1	800 mm
s/e/l	60 mm / 185 mm / 1190 mm
b3	700 mm
m2	30 mm
Ast	2399 mm
Ast	2402 mm
Wa	1588 mm
h14 / h14	750 mm / 1250 mm
1147 1114	, oo min , 1200 min
	6 km/h / 6 km/h
	0.18 m/s / 0.30 m/s
	0.27 m/s / 0.22 m/s
	7 % / 10 %
	Electro magnetic
	1.50 kW
	3 kW
	оки DIN 43535-В
	24 V / 180 Ah
	189 kg
	AC
	65 dB

## ES 616 LI (5pts) - Dimensional drawing



## Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1953	2203
h2 - Mast free lift	mm	1506	1756
h3 - Mast lifting height	mm	1506	1756
h4 - Mast extended height	mm	1960	2210
Residual capacity at max height	kg	1600	1600

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1953	2203
h2 - Mast free lift	mm	1506	1756
h3 - Mast lifting height	mm	2931	3431
h4 - Mast extended height	mm	3385	3885
Residual capacity at max height	kg	1300	1000

Free Lift Triplex (FLT)		FLT 42
h1 - Mast lowered height	mm	1911
h2 - Mast free lift	mm	1466
h3 - Mast lifting height	mm	4246
h4 - Mast extended height	mm	4723
Residual capacity at max height	kg	600



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