Technical sheet :

ES 616 LI (5PTS)

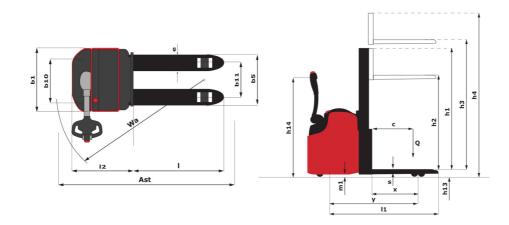




	Technical characteristics	
1.1	Manufacturer	
2	Model Name	
3	Power source	
.4	Operator type	
.5	Max. capacity	
6	Load center of gravity	
.8	Distance from Load backrest to center of rear axle	
.9	Wheelbase	
	Weight	
.1	Service weight	
2	Weight on front axle (laden) / rear axle (laden)	
3	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
1	Tires type	
3	Number of load wheels / Size of load wheels	
4	Number of stabilizer wheels / Size of the stabilizer wheels	
	Number of front wheels / rear wheels	
.5 5.2	Number of drive wheels / Size of drive wheels	
.6 .7	Front wheel gauge	
./	Rear wheel gauge	
<i>.</i>	Dimensions	
.6	Initial lift	
5	Fork height in low position	
9	Overall length	
20	Length to face of forks	
21	Overall width	
22	Forks section / width / length	
24	Fork carriage width	
32	Ground clearance at centre of wheelbase	
.33	Aisle Width for pallets 1000 x 1200 crossways	
34	Aisle width for 800 x 1200 pallet lengthways	
35	Turning radius	
.9	Height tiller min. / max.	
	Performances	
i.1	Travel speed (laden / unladen)	
.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.8	Max Gradeability (laden / unladen)	
.10	Service brake	
	Engine	
.1	Drive motor rating S2 60 min	
2	Lift motor rating at S3 15%	
.3	Battery according to DIN 43531/35/36 A, B, C	
4	Battery voltage / capacity	
.5	Battery weight (+/- 5%)	
	Miscellaneous	
1	Type of drive control	
8.4	Sound level at the driver's ear according to DIN 12 053	

6 LI (5PTS) Created on August 2, 2025 at 4:36 AM UTC		
	Metric		
	Manitou		
	ES 616 LI 5 point		
	Electrical		
	Pedestrian		
Q	1600 kg		
с	600 mm		
x	729 mm		
у	1393 mm		
	1280 kg		
	1070 kg / 1855 kg		
	905 kg / 375 kg		
	Polyurethane		
	4 / 82 x 68		
	2 / 120 x 54		
	3 / 4		
	1/230x70		
b10	558 mm		
b11	380 mm		
h5	110 mm		
h13	86 mm		
11	1995 mm		
12	846 mm		
b1	800 mm		
s / e / l	60 mm / 185 mm / 1150 mm		
b3	700 mm		
m2	24 mm		
Ast	2399 mm		
Ast	2402 mm		
Wa	1597 mm		
h14 / h14	750 mm / 1250 mm		
	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		
	3 KW DIN 43535-B		
	DIN 43535-В 24 V / 180 Ah		
	220 kg		
	AC		
	AC 65 dB		
	05 00		

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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