Technical sheet :

ES 614 LI (5PTS)

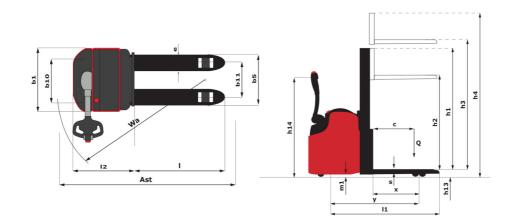




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	(
1.6	Load center of gravity	(
1.8	Distance from Load backrest to center of rear axle)
1.9	Wheelbase	3
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
2.0	Wheels	
3.1	Tires type	
3.3	Number of load wheels / Size of load wheels	
3.4	Number of stabilizer wheels / Size of the stabilizer wheels	
3.4	Number of stabilizer wheels / size of the stabilizer wheels	
3.5.2	Number of drive wheels / Size of drive wheels	
3.5.2		b1
	Front wheel gauge	
3.7	Rear wheel gauge Dimensions	b1
16		
4.6	Initial lift	h
4.15	Fork height in low position	h'
4.19	Overall length	ľ
4.20	Length to face of forks	l:
4.21	Overall width	b
4.22	Forks section / width / length	s / (
4.24	Fork carriage width	b
4.32	Ground clearance at centre of wheelbase	m
4.33	Aisle Width for pallets 1000 x 1200 crossways	A
4.34	Aisle width for 800 x 1200 pallet lengthways	A
4.35	Turning radius	W
4.9	Height tiller min. / max.	h14 /
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.8	Max Gradeability (laden / unladen)	
5.10	Service brake	
	Engine	
6.1	Drive motor rating S2 60 min	
6.2	Lift motor rating at S3 15%	
6.3	Battery according to DIN 43531/35/36 A, B, C	
6.4	Battery voltage / capacity	
6.5	Battery weight (+/- 5%)	
	Miscellaneous	
8.1	Type of drive control	
8.4	Sound level at the driver's ear according to DIN 12 053	

(2112)	oleated on April 20, 2024 at 12.10.20 Air 010			
	Metric			
	Manitou			
	ES 614 LI 5 points			
	Electrical			
	Pedestrian			
Q	1400 kg			
c v	600 mm			
	848 mm			
x				
у	1492 mm			
	1327 kg			
	1219 kg / 1503 kg			
	1033 kg / 290 kg			
	Bandage			
	2 / 140x60			
	1 / 140x60			
	3 / 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				
	1849 mm			
14 / h14	750 mm / 1250 mm			
	4.50 km/h / 4.50 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			
	DIN 43535-B			
	24 V / 180 Ah			
	189 kg			
	AC			
	65 dB			

ES 614 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	1400	1400

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	1200	950

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		600



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