Technical sheet :

ES 612 LI (5PTS)

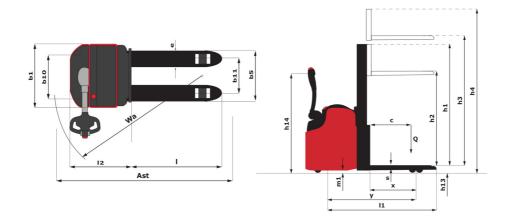




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	
1.6	Load center of gravity	
1.8	Distance from Load backrest to center of rear axle	
1.9	Wheelbase	
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
	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 front wheels / rear wheels	
.5.2	Number of drive wheels / Size of drive wheels	
3.6	Front wheel gauge	
3.0		
3.7	Rear wheel gauge Dimensions	
4.6	Initial lift	
.19	Overall length	
20	Length to face of forks	
.20	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	
4.9	Height tiller min. / max.	
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
.8	Max Gradeability (laden / unladen)	
.10	Service brake	
	Engine	
.1	Drive motor rating S2 60 min	
.2	Lift motor rating at S3 15%	
5.3	Battery according to DIN 43531/35/36 A, B, C	
б.4	Battery voltage / capacity	
6.5	Battery weight (+/- 5%)	
	Miscellaneous	
.1	Type of drive control	
3.4	Sound level at the driver's ear according to DIN 12 053	

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Metric
Manitou
ES 612 LI 5 points
Electrical
Pedestrian
1200 kg
600 mm
834 mm
1492 mm
1051 hrs
1251 kg
1295 kg / 1163 kg
1328 kg / 1003 kg
Bandage
2 / 140x60
1 / 140x60
3 / 4
1/230x70
529 mm
380 mm
110 mm
2162 mm
973 mm
800 mm
60 mm / 185 mm / 1190 mm 700 mm
30 mm
2398 mm
2394 mm
1849 mm
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 612 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	1200	1200

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	900

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	550



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