Technical sheet :



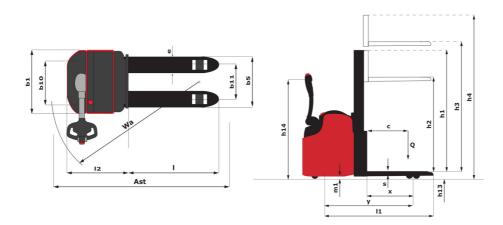




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	
1.6	Load center of gravity	
1.8	Distance from Load backrest to center of rear axle	
1.9	Wheelbase	
	Weight	
2.1	Service weight	
	Wheels	
3.1	Tires type	
3.3	Number of load wheels / Size of load wheels	
3.4	Number of castor wheels	
3.4	Number of castol wheels	
3.4	Number of stabilizer wheels / size of the stabilizer wheels	
3.5.2	Number of drive wheels / Size of drive wheels	
3.6	Front wheel gauge	ł
3.7	Rear wheel gauge	
	Dimensions	
4.15	Fork height in low position	
4.19	Overall length	
4.20	Length to face of forks	
4.21	Overall width	
4.22	Forks section / width / length	S /
4.24	Fork carriage width	
4.32	Ground clearance at centre of wheelbase	
4.33	Aisle Width for pallets 1000 x 1200 crossways	_
4.35	Turning radius	
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	
0.4	Sound level at the unversited docording to Driv 12 005	

ES 72	Created on May 6, 2024 at 10:01:13 PM UTC
	Metric
	Manitou
	ES 720
	Electrical
	Pedestrian
Q	2000 kg
С	600 mm
х	642 mm
у	1126 mm
	1250 kg
	Polyurethane
	2 / 78x78
	1
	2 / 150x50
	1 / 2
	1/270x90
b10	844 mm
b11	351 mm
h13	90 mm
11	1898 mm
12	748 mm
b1	974 mm
s / e / l	70 mm / 195 mm / 1150 mm
b3	840 mm
m2	25 mm
Ast	2330 mm
Wa	1442 mm
h14 / h14	900 mm / 1400 mm
	A 00 loss (b. / C. loss (b.
	4.90 km/h / 6 km/h
	0.08 m/s / 0.15 m/s 0.15 m/s / 0.10 m/s
	4 % / 7 %
	Electro magnetic
	1 kW
	3 kW
	3 KW No
	24 V / 189 Ah
	190 kg
	150 kg
	DC
	65 dB
	05 05

ES 720 - Dimensional drawing



Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1945	2195
h2 - Mast free lift	mm	1420	1670
h3 - Mast lifting height	mm	1500	1700
h4 - Mast extended height	mm	1965	2215
Residual capacity at max height	kg	2000	2000
Height at max capacity	mm	1510	1760

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
h1 - Mast lowered height	mm	1945	2195	2395
h3 - Mast lifting height	mm	2900	3400	3800
h4 - Mast extended height	mm	3400	3900	4300
Residual capacity at max height	kg	2000	1800	1600
Height at max capacity	mm	2940		

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1945	2195
h2 - Mast free lift	mm	1420	1670
h3 - Mast lifting height	mm	2900	3400
h4 - Mast extended height	mm	3400	3900
Residual capacity at max height	kg	2000	1700
Height at max capacity	mm	2930	

Free Lift Triplex (FLT)		FLT 42	FLT 47	FLT 54
h1 - Mast lowered height	mm	1900	2065	2305
h2 - Mast free lift	mm	1380	1540	1790
h3 - Mast lifting height	mm	4200	4700	5400
h4 - Mast extended height	mm	4720	5200	5930
Residual capacity at max height	kg	1300	1000	700
Height at max capacity	mm	2900	2900	2900



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