Technical sheet :



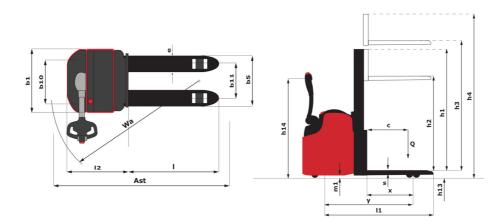




	Technical characteristics
1.1	Manufacturer
1.1	Model Name
1.2	Power source
1.5	Operator type
1.4	Max. capacity
1.5	Load center of gravity
1.8	Distance from Load backrest to center of rear axle
1.0	Wheelbase
1.9	Weight
2.1	Service weight
Z.1	Wheels
3.1	Tires type
3.3	Number of load wheels / Size of load wheels
3.4	Number of castor wheels
3.4	Number of stabilizer wheels / Size of the stabilizer wheels
3.5	Number of front wheels / rear wheels
3.5.2	Number of drive wheels / Size of drive wheels
3.6	Front wheel gauge
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
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.
	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

ES 720 Created on 28 April 2024 at 22:15:27 UTC Manitou ES 720 Electrical Pedestrian Q 2000 kg 600 mm с 642 mm х 1126 mm 1250 kg Polyurethane 2/78x78 1 2/150x50 1/2 1/270x90 b10 844 mm 351 mm b11 h13 90 mm 11 1898 mm 12 748 mm 974 mm b1 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 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 No 24 V / 189 Ah 190 kg DC 65 dB

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		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



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes