Technical sheet:

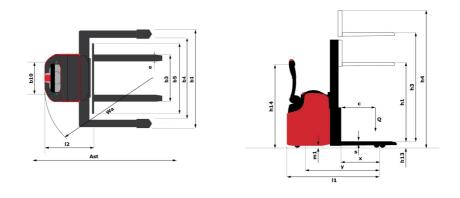
ES 720 4W





Technical characteristics Manufacturer		Metric
Manufacturer		
		MANITOU
Model Name		ES 720 4W
Power source		Electrical - Lead
Operator type		Pedestrian
Max. capacity	Q	2000 kg
Load center of gravity	С	600 mm
Load distance, centre of drive axle to fork (low/raised) - Low position	X	690 mm
Wheelbase	у	1194 mm
Wheels		
Tires type		Polyurethane
Size of castor wheels		125 x (2x50)
Number of front wheels / rear wheels		5 / 4
Number of drive wheels		1
Front wheel gauge	b10	878 mm
Rear wheel gauge	b11	1610 mm
Dimensions		
Height of wheel arms	h8	200 mm
Fork height in low position	h13	50 mm
Overall length	l1	1775 mm
Length to face of forks	12	825 mm
Overall width	b1	1810 mm
Forks section / width / length	s / e / l	40 mm / 120 mm / 1150 mm
Distance between wheel arms/loading surfaces	b4	1450 mm
Fork carriage width	b3	1410 mm
Ground clearance at centre of wheelbase	m2	50 mm
Aisle Width for pallets 1000 x 1200 crossways	Ast	2664 mm
Aisle width for 800 x 1200 pallet lengthways	Ast	2664 mm
Tuming radius	Wa	1476 mm
Height tiller min. / max.	h14 / h14	1030 mm / 1490 mm
Performances		
Travel speed (laden / unladen)		6 km/h / 6 km/h
Lifting speed (laden / unladen)		0.14 m/s / 0.24 m/s
Lowering speed (laden / unladen)		0.30 m/s / 0.20 m/s
Service brake		Electro magnetic
Engine		
Drive motor rating S2 60 min		1.20 kW
Lift motor rating at S3 15%		3 kW
Battery according to DIN 43531/35/36 A, B, C		DIN 43535-B
Battery voltage / capacity		24 V / 160 Ah
Battery max. capacity		250 A
Battery weight (+/- 5%)		165 kg
Battery max. weight		215 kg
Miscellaneous		
Type of drive control		Variator
Sound level at the driver's ear according to DIN 12 053		70 dB

ES 720 4W - Dimensional drawing



Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1939	2189
h3 - Mast lifting height	mm	1466	1716
h4 - Mast extended height	mm	1946	2196
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	1939	2189	2389
h3 - Mast lifting height	mm	2896	3396	3796
h4 - Mast extended height	mm	3376	2876	4276
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	1939	2189
h2 - Mast free lift	mm	1466	1716
h3 - Mast lifting height	mm	2891	3391
h4 - Mast extended height	mm	3371	3871
Residual capacity at max height	kg	2000	1700
Height at max capacity	mm	2930	

Free Lift Triplex (FLT)		FLT 42
h1 - Mast lowered height	mm	1897
h2 - Mast free lift	mm	1426
h3 - Mast lifting height	mm	4206
h4 - Mast extended height	mm	4709
Residual capacity at max height	kg	1300





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



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