Technical sheet :

ES 720 4W

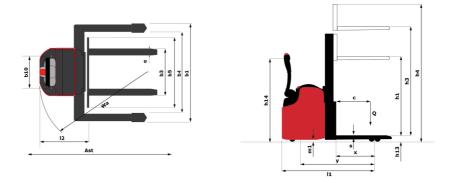




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork (low/raised) - Low position	х
1.9	Wheelbase	у
	Wheels	
3.1	Tires type	
3.4	Size of castor wheels	
3.5	Number of front wheels / rear wheels	
3.5.2	Number of drive wheels	
3.6	Front wheel gauge	b10
3.7	Rear wheel gauge	b10
	Dimensions	511
4.10	Height of wheel arms	h8
4.15	Fork height in low position	h13
4.19	Overall length	11
4.20	Length to face of forks	2
4.21	Overall width	b1
4.22	Forks section / width / length	s/e,
4.26	Distance between wheel arms/loading surfaces	b4
4.24	Fork carriage width	b3
4.32	Ground clearance at centre of wheelbase	m2
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast
4.35	Tuming radius	Wa
4.9	Height tiller min. / max.	h14 / h
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (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	
6.4.1	Battery max. capacity	
6.5	Battery weight (+/- 5%)	
6.5.1	Battery max. weight	
	Miscellaneous	
8.1	Type of drive control	
8.4	Sound level at the driver's ear according to DIN 12 053	

ES 720 41	V Created on August 30, 2025 at 8:02 PM UTC
	Metric
	MANITOU
	ES 720 4W
	Electrical - Lead
	Pedestrian
Q	2000 kg
С	600 mm
x	690 mm
у	1194 mm
	Polyurethane
	125 x (2x50)
	5 / 4
	1
b10	878 mm
b11	1610 mm
h8	200 mm
h13	50 mm
11	1775 mm
12	825 mm
b1	1810 mm
s / e / l	40 mm / 120 mm / 1150 mm
b4	1450 mm
b3	1410 mm
m2	50 mm
Ast	2664 mm
Ast	2664 mm
Wa	1476 mm
h14 / h14	1030 mm / 1490 mm
	6 km/h / 6 km/h
	0.14 m/s / 0.24 m/s
	0.30 m/s / 0.20 m/s
	Electro magnetic
	1.20 kW
	3 kW
	DIN 43535-B
	24 V / 160 Ah
	250 A
	165 kg
	215 kg
	Variator
	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



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