Technical sheet :







	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	c
1.8	Distance from Load backrest to center of rear axle	x
1.9	Wheelbase	у
	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	
3.5	Number of front wheels / rear wheels	
3.5.2	Number of drive wheels / Size of drive wheels	
3.7	Rear wheel gauge	b11
0.7	Dimensions	511
4.15	Fork height in low position	h13
4.19	Overall length	1
4.20	Length to face of forks	12
4.21	Overall width	b1
4.22	Forks section / width / length	s/e/l
4.24	Fork carriage width	b3
4.31	Ground clearance below mast	m1
4.32	Ground clearance at centre of wheelbase	m2
4.35	Tuming radius	Wa
4.9	Height tiller min. / max.	h14 / 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	

ES-C 720	Created on April 30, 2024 at 10:51:06 AM UTC
	Metric
	Manitou
	ES-C 720
	Electrical
	Pedestrian
Q	2000 kg
С	500 mm
x	157 mm
у	1470 mm
	2600 kg
	610 kg / 3985 kg
	1500 kg / 1100 kg
	Polyurethane
	2 / 250x100
	1 / 2
	1/254x100
b11	1003 mm
h13	45 mm
1	2960 mm
12	1810 mm
b1	1120 mm
s / e / l	40 mm / 120 mm / 1150 mm
b3	750 mm

31 mm 62 mm 1826 mm 1405 mm / 1005 mm

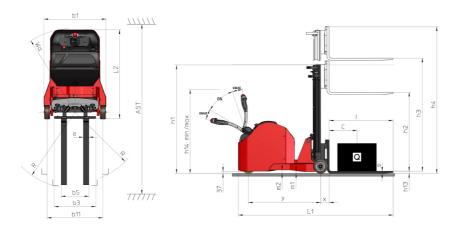
6 km/h / 6 km/h 0.11 m/s / 0.20 m/s 0.22 m/s / 0.21 m/s 5 % / 8 % Electro magnetic

> 2 kW 4 kW DIN 43535-B 24 V / 315 Ah 275 kg

> > DC

65 dB

## ES-C 720 - Dimensional drawing



## Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1465	1715
h3 - Mast lifting height	mm	1465	1715
h4 - Mast extended height	mm	2030	2280
Residual capacity at max height	kg	2000	2000

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
Mast/fork carriage tilt, forward	۰	3	3	3
h1 - Mast lowered height	mm	1955	2205	2405
h3 - Mast lifting height	mm	2890	3390	3790
h4 - Mast extended height	mm	3455	3955	4355
Residual capacity at max height		2000	2000	1600

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1465	1715
h3 - Mast lifting height	mm	2890	3390
h4 - Mast extended height	mm	3455	3955
Residual capacity at max height	kg	2000	2000

Free Lift Triplex (FLT)		FLT 42	FLT 47	FLT 54
h1 - Mast lowered height	mm	1915	2075	2315
h2 - Mast free lift	mm	1425	1585	1835
h3 - Mast lifting height	mm	4205	4685	5415
h4 - Mast extended height	mm	4770	5250	5980
Residual capacity at max height	kg	1300	1050	850





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