Technical sheet :



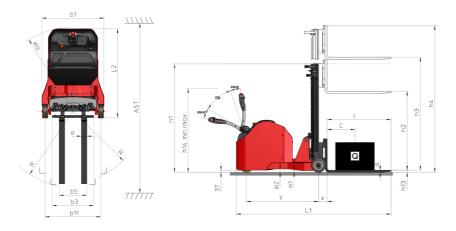




	Technical characteristics
1.1	Manufacturer
1.2	Model Name
.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Distance from Load backrest to center of rear axle
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front 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
	Dimensions
4.15	Fork height in low position
4.19	Overall length
4.20	Length to face of forks
4.21	Overall width
1.22	Forks section / width / length
4.24	Fork carriage width
4.31	Ground clearance below mast
4.32	Ground clearance at centre of wheelbase
4.33	Aisle Width for pallets 1000 x 1200 crossways
4.34	Aisle width for 800 x 1200 pallet lengthways
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-C 720	• Created on August 12, 2025 at 7:17 PM UTC				
	Metric				
	Manitou				
	ES-C 720				
	Electrical				
	Pedestrian				
Q	2000 kg				
c	500 mm				
x	157 mm				
y	1470 mm				
,					
	2600 kg				
	610 kg / 3985 kg				
	1500 kg / 1100 kg				
	1000 kg / 1100 kg				
	Polyurethane				
	2 / 250x100				
	1/2				
	1/254x100				
b11	1003 mm				
DII	1003 1111				
h13	45 mm				
11	2960 mm				
12	1810 mm				
b1	1120 mm				
s/e/l	40 mm / 120 mm / 1150 mm				
b3	750 mm				
m1	31 mm				
m2	62 mm				
Ast	3294 mm				
Ast	3402 mm				
Wa	1826 mm				
h14 / h14	1005 mm / 1405 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
a - Mast/fork carriage tilt, forward	٥	4	4
β - Mast/fork carriage tilt, backward	٥	6	6
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
α - 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	kg	2000	2000	1600

Free Lift Duplex (FLD)		FLD 29	FLD 34
a - Mast/fork carriage tilt, forward	٥	4	4
β - Mast/fork carriage tilt, backward	۰	6	6
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
a - Mast/fork carriage tilt, forward	٥	4	4	4
β - Mast/fork carriage tilt, backward	٥	6	6	6
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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