Technical sheet :



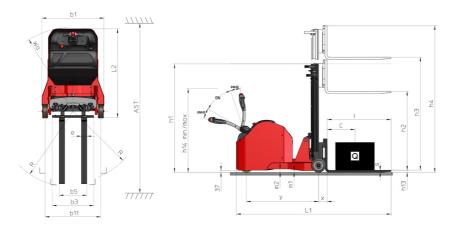




	Technical characteristics
1.1	Manufacturer
1.2	Model Name
.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Distance from Load backrest to center of rear axle
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front 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 5:26 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					
	1500 kg / 1100 kg					
	Polyurethane					
	2 / 250x100					
	1/2					
	1/254x100					
b11	1/254X100					
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 / 0.20 m/s					
	5 % / 8 %					
	Electro magnetic					
	2 kW					
	2 kW 4 kW					
	4 kw DIN 43535-B					
	24 V / 315 Ah					
	275 kg					
	DC 65 dB					
	00 UD					

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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