Technical sheet :



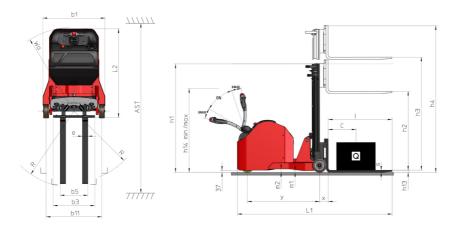




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	c
1.8	Distance from Load backrest to center of rear axle	x
1.9	Wheelbase	у
	Weight	,
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
	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
5.7	Dimensions	51
4.15	Fork height in low position	h1:
4.13	Overall length	11
4.19	Length to face of forks	12
4.20	Overall width	12 b1
4.21	Forks section / width / length	s/e
4.22	Fork carriage width	b3
4.24	Ground clearance below mast	m1
4.31	Ground clearance below mast	m2
4.32	Aisle Width for pallets 1000 x 1200 crossways	As
4.35	Turning radius	Wa
4.33	Height tiller min. / max.	h14 /
4.9	Performances	1114/
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	
5.10	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	
0.3.1	Battery max. weight Miscellaneous	
8.1		
8.1	Type of drive control	
0.4	Sound level at the driver's ear according to DIN 12 053	

ES-C 71	<b>s</b> Created on 07 May 2024 at 11:16:14 UTC			
Metric				
	Manitou			
	ES-C 716			
	Electrical			
	Pedestrian			
Q	1600 kg			
С	500 mm			
х	157 mm			
у	1470 mm			
	2400 kg			
	520 kg / 3460 kg			
	Polyurethane			
	2 / 250x100			
	1 / 2			
	1/254x100			
b11	1003 mm			
h13	45 mm			
11	2790 mm			
12	1640 mm			
b1	1120 mm			
s / e / l	40 mm / 100 mm / 1150 mm			
b3	750 mm			
m1	31 mm			
m2	62 mm			
Ast	3128 mm			
Wa	1660 mm			
14 / h14	1088 mm / 1308 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			
	375 A			
	275 kg			
	300 kg			
	AC			
	65 dB			

## ES-C 716 - Dimensional drawing



## Characteristics of masts and residual capacities

Central Cylinder Duplex (CCD)		CCD 29	CCD 34	CCD 38
h1 - Mast lowered height	mm	1955	2205	2405
h2 - Mast free lift	mm	1420	1420	1420
h3 - Mast lifting height	mm	2900	3400	3800
h4 - Mast extended height	mm	3400	3960	4360
Residual capacity at max height	kg	1600	1600	1250

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1420	1420
h3 - Mast lifting height	mm	1500	1700
h4 - Mast extended height	mm	2030000	2280
Residual capacity at max height	kg	1600	1600

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1420	1420
h3 - Mast lifting height	mm	2900	3400
h4 - Mast extended height	mm	3460	3960
Residual capacity at max height	kg	1600	1600

Free Lift Triplex (FLT)		FLT 42	FLT 47	FLT 54
h1 - Mast lowered height	mm	1915	2075	2315
h2 - Mast free lift	mm	1420	1420	1420
h3 - Mast lifting height	mm	4200	4700	5400
h4 - Mast extended height	mm	4770	5250	5980000
Residual capacity at max height	kg	1050	850	650



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