Technical sheet :





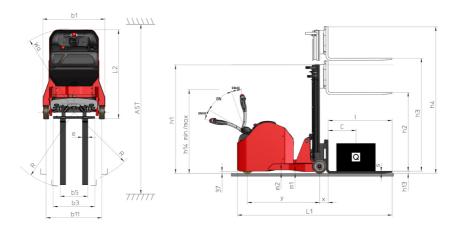


	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	ې د
1.8	Distance from Load backrest to center of rear axle	x
1.9	Wheelbase	у
1.5	Weight	,
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
2.0	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
3.7	Dimensions	
4.15	Fork height in low position	h13
4.15	Overall length	1
4.19	Length to face of forks	12
4.20	Overall width	12 b1
4.22	Forks section / width / length	s/e/l
4.22	Fork carriage width	b3
4.31	Ground clearance below mast	m1
4.31	Ground clearance at centre of wheelbase	m2
4.32	Tuming radius	Wa
4.33	Height tiller min. / max.	h14 / h1
4.5	Performances	11147111
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	
0.10	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	
6.5	Battery weight (+/- 5%)	
0.5	Miscellaneous	
8.1	Type of drive control	
8.4	Sound level at the driver's ear according to DIN 12 053	

ES-C 713 Created on April 29, 2024 at 6:20:39 PM UTC					
	Metric				
	Manitou				
	ES-C 713				
	Electrical				
	Pedestrian				
Q	1300 kg				
С	500 mm				
x	157 mm				
у	1200 mm				
	2200 kg				
	450 kg / 3050 kg				
	1150 kg / 1050 kg				
	Polyurethane				
	2 / 250x100				
	1 / 2				
	1/254x100				
b11	1003 mm				
h13	35 mm				
11	2690 mm				
12	1540 mm				
b1	1120 mm				
s / e / l	40 mm / 100 mm / 1150 mm				
b3	750 mm				
m1	31 mm				
m2	62 mm				
Wa	1560 mm				
h14 / h14	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 713 - 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	1300	1300

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	kg	1300	1300	1100

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	1300	1300

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		900	700	500



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