Technical sheet :



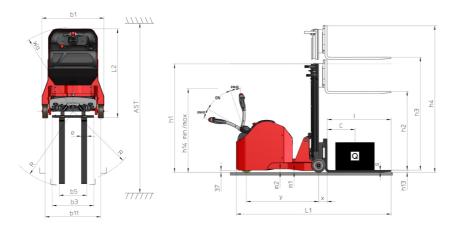




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	
1.6	Load center of gravity	
1.8	Distance from Load backrest to center of rear axle	
1.9	Wheelbase	
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	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	b
017	Dimensions	
4.15	Fork height in low position	h
4.19	Overall length	
4.20	Length to face of forks	
4.20	Overall width	t
4.22	Forks section / width / length	s /
4.24	Fork carriage width	3/
4.31	Ground clearance below mast	, i
4.32	Ground clearance at centre of wheelbase	r
4.33	Aisle Width for pallets 1000 x 1200 crossways	A
4.34	Aisle width for 800 x 1200 pallet lengthways	A
4.35	Tuming radius	V
4.9	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	
6.5	Battery weight (+/- 5%)	
0.1	Miscellaneous Tura of drive control	
8.1	Type of drive control	
8.4	Sound level at the driver's ear according to DIN 12 053	

ES-C 7	■ Created on August 13, 2025 at 2:50 AM UTC
	Metric
	Manitou
	ES-C 713
	Electrical
	Pedestrian
Q	1300 kg
c	500 mm
x	157 mm
	1200 mm
у	1200 11111
	2200 kg
	-
	450 kg / 3050 kg
	1150 kg / 1050 kg
	Polyurethane
	2 / 250x100
	1/2
	1/254x100
b11	1003 mm
h13	45 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
Ast	3028 mm
Ast	3136 mm
Wa	1560 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 713 - 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	б
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
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	1300	1300	1100

Free Lift Duplex (FLD)		FLD 29	FLD 34
a - Mast/fork carriage tilt, forward	۰	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	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
α - 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	900	700	500



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