Technical sheet :





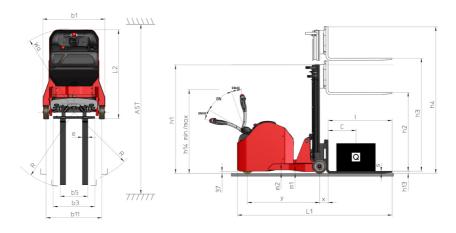


	Technical characteristics
1	Manufacturer
	Model Name
	Power source
.4	Operator type
.5	Max. capacity
6	Load center of gravity
.8	Distance from Load backrest to center of rear axle
.9	Wheelbase
.,	Weight
	Service weight
2	Weight on front axle (laden) / rear axle (laden)
3	Weight on front axle (Inden) / rear axle (Inden) Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
	Tires type
5	Number of load wheels / Size of load wheels
	Number of front wheels / rear wheels
.2 7	Number of drive wheels / Size of drive wheels
7	Rear wheel gauge
	Dimensions
5	Fork height in low position
9	Overall length
0	Length to face of forks
.1	Overall width
22	Forks section / width / length
24	Fork carriage width
1	Ground clearance below mast
32	Ground clearance at centre of wheelbase
35	Turning radius
9	Height tiller min. / max.
	Performances
1	Travel speed (laden / unladen)
2	Lifting speed (laden / unladen)
	Lowering speed (laden / unladen)
8	Max Gradeability (laden / unladen)
0	Service brake
	Engine
	Drive motor rating \$2 60 min
2	Lift motor rating at S3 15%
}	Battery according to DIN 43531/35/36 A, B, C
4	Battery voltage / capacity
5	Battery weight (+/- 5%)
	Miscellaneous
1	Type of drive control
	Sound level at the driver's ear according to DIN 12 053

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	,
	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
	1130 kg / 1030 kg
	Polyurethane
	2 / 250x100
	1/2
	1/254x100
b11	1003 mm
UTI	1003 11111
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	٥	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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