Technical sheet :



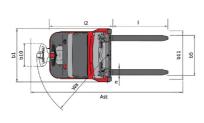


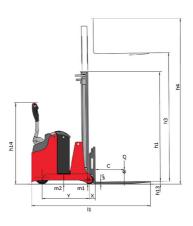


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Engine
6.1 Drive motor rating S2 60 min
6.2 Lift motor rating at S3 15%
6.3 Battery according to DIN 43531/35/36 A, B, C
6.4 Battery voltage / capacity
6.5 Battery weight (+/- 5%)
Miscellaneous
8.1 Type of drive control
8.4 Sound level at the driver's ear according to DIN 12 053

ES-C 510	Created on May 15, 2024 at 10:13:33 PM UTC
	Metric
	Manitou
	ES 510 GPF
	Electrical
	Pedestrian
Q	1000 kg
C	500 mm
х	101 mm
у	1047 mm
	1388 kg
	Polyurethane
	2 / 150x70
	1 / 2
	1/230x70
b11	826 mm
11	2278 mm
12	1328 mm
b1	923 mm
s / e / l	35 mm / 100 mm / 800 mm
	2B
b3	750 mm
m1	60 mm
m2	69 mm
Wa	1450 mm
h14 / h14	830 mm / 1385 mm
	4.50 km/h / 4.50 km/h
	0.30 m/s / 0.18 m/s
	0.22 m/s / 0.27 m/s
	7 % / 10 %
	Electro magnetic
	1.50 kW
	3 kW
	DIN 43535-B
	24 V / 375 Ah
	293 kg
	AC
	65 dB

ES-C 510 - Dimensional drawing





Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1931	2181
h2 - Mast free lift	mm	1420	1670
h3 - Mast lifting height	mm	1420	1670
h4 - Mast extended height	mm	2070	2320
Residual capacity at max height	kg	1000	1000

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
h1 - Mast lowered height	mm	1931	2181	2381
h3 - Mast lifting height	mm	2850	3350	3750
h4 - Mast extended height	mm	3500	4000	4400
Residual capacity at max height	kg	1000	1000	900

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1931	2181
h2 - Mast free lift	mm	1420	1670
h3 - Mast lifting height	mm	2850	3355
h4 - Mast extended height	mm	3500	4000
Residual capacity at max height	kg	1000	1000

Free Lift Triplex (FLT)		FLT 42
h1 - Mast lowered height	mm	1956
h2 - Mast free lift	mm	1380
h3 - Mast lifting height	mm	4160
h4 - Mast extended height	mm	4810
Residual capacity at max height	kg	800





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