Technical sheet :



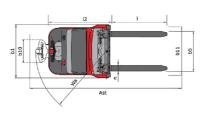


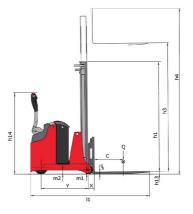


	Technical characteristics
1.1	Manufacturer
2	Model Name
.3	Power source
.4	Operator type
.5	Max. capacity
.6	Load center of gravity
1.8	Distance from Load backrest to center of rear axle
9	Wheelbase
	Weight
	Service weight
1 2	Weight on front axle (laden) / rear axle (laden)
.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
8.1	
.3	Tires type Number of load wheels / Size of load wheels
.5	Number of front wheels / rear wheels
5	Number of drive wheels / Size of drive wheels
2	
	Rear wheel gauge Dimensions
15	
	Fork height in low position
19	Overall length Length to face of forks
20 21	Overall width
22	
	Forks section / width / length
23	Fork carriage ISO 2328 (class/form) A/B
24	Fork carriage width
1	Ground clearance below mast
2	Ground clearance at centre of wheelbase
5	Turning radius
)	Height tiller min. / max.
	Performances
1	Travel speed (laden / unladen)
2	Lifting speed (laden / unladen)
3	Lowering speed (laden / unladen)
3	Max Gradeability (laden / unladen)
)	Service brake
	Engine
	Drive motor rating S2 60 min
	Lift motor rating at S3 15%
	Battery according to DIN 43531/35/36 A, B, C
	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

ES-C 507	Created on 16 May 2024 at 7:01:37 AM UTC
	Metric
	Manitou
	ES 507 GPF - ES-C 507
	Electrical
	Pedestrian
Q	700 kg
С	400 mm
x	101 mm
у	932 mm
	1250 kg
	1893 kg / 307 kg
	820 kg / 680 kg
	Polyurethane
	2 / 150x70
	1 / 2
	1/230x70
b11	826 mm
h13	35 mm
11	2013 mm
12	1213 mm
b1	923 mm
s / e / l	30 mm / 90 mm / 800 mm
	2B
b3	750 mm
m1	60 mm
m2	69 mm
Wa	1335 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 / 180 Ah
	189 kg
	AC
	65 dB

ES-C 507 - 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	700	700

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	700	700	600

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	700	700

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	500



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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