Technical sheet :



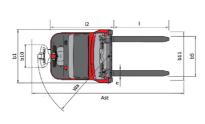


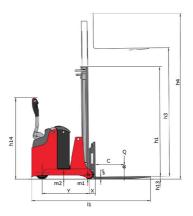


Technical char	acteristics
Manufacturer	
Model Name	
B Power source	
4 Operator type	
5 Max. capacity	
5 Load center of	gravity
B Distance from	Load backrest to center of rear axle
Wheelbase	
Weight	
Service weight	
2 Weight on front	axle (laden) / rear axle (laden)
Weight on front	axle (Unladen) / rear axle (Unladen)
Wheels	
Tires type	
8 Number of load	l wheels / Size of load wheels
5 Number of fron	t wheels / rear wheels
2 Number of drive	e wheels / Size of drive wheels
Rear wheel gau	ge
Dimensions	
5 Fork height in l	ow position
Overall length	
) Length to face	of forks
1 Overall width	
Forks section /	width / length
B Fork carriage IS	SO 2328 (class/form) A/B
4 Fork carriage w	
1 Ground clearan	
2 Ground clearan	ce at centre of wheelbase
Aisle Width for	pallets 1000 x 1200 crossways
4 Aisle width for	800 x 1200 pallet lengthways
5 Turning radius	
Height tiller mir	n. / max.
Performances	
Travel speed (I	aden / unladen)
2 Lifting speed (laden / unladen)
B Lowering speed	d (laden / unladen)
	ty (laden / unladen)
0 Service brake	
Engine	
Drive motor rati	ng S2 60 min
Lift motor rating	j at \$3 15%
	ng to DIN 43531/35/36 A, B, C
Battery voltage	
5 Battery weight (
Miscellaneous	
Type of drive co	ontrol
Sound level at t	he driver's ear according to DIN 12 053

	Metric
	Manitou
	ES 507 GPF - ES-C 507
	Electrical
	Pedestrian
Q	700 kg
С	400 mm
х	96 mm
у	932 mm
,	
	1250 kg
	1893 kg / 307 kg
	820 kg / 680 kg
	020 kg / 000 kg
	Polyurethane
	2 / 150x70
	1/2
1.4.4	1/230x70
b11	826 mm
1.40	
h13	35 mm
11	2015 mm
12	1215 mm
b1	923 mm
s / e / l	30 mm / 100 mm / 800 mm
	2B
b3	750 mm
m1	60 mm
m2	69 mm
Ast	2717 mm
Ast	2820 mm
Wa	1130 mm
h14 / h14	830 mm / 1385 mm
	6 km/h / 6 km/h
	0.18 m/s / 0.30 m/s
	0.27 m/s / 0.22 m/s
	7 % / 10 %
	Electro magnetic
	1.50 kW
	3 kW
	DIN 43535-B
	24 V / 180 Ah
	175 kg
	AC
	65 dB

ES-C 507 - 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	6
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
α - Mast/fork carriage tilt, forward	٥	4	4	4
β - Mast/fork carriage tilt, backward	٥	б	б	6
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
a - Mast/fork carriage tilt, forward	۰	4	4
β - Mast/fork carriage tilt, backward	٥	6	6
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
α - Mast/fork carriage tilt, forward	۰	4
β - Mast/fork carriage tilt, backward	۰	6
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



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