Technical sheet :



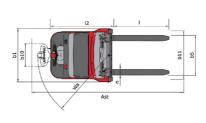


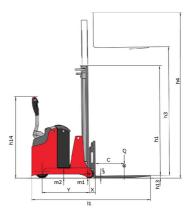


	Technical characteristics
	Manufacturer
	Model Name
	Power source
1	Operator type
5	Max. capacity
6	Load center of gravity
8	Distance from Load backrest to center of rear axle
9	Wheelbase
	Weight
1	Service weight
2	Weight on front axle (laden) / rear axle (laden)
3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
1	Tires type
3	Number of load wheels / Size of load wheels
5	Number of front wheels / rear wheels
5.2	Number of drive wheels / Size of drive wheels
7	Rear wheel gauge
,	Dimensions
15	Fork height in low position
9	Overall length
	Length to face of forks
20 21	Overall width
2	Forks section / width / length
3	Fork carriage ISO 2328 (class/form) A/B
4	Fork carriage width
1	Ground clearance below mast
2	Ground clearance at centre of wheelbase
3	Aisle Width for pallets 1000 x 1200 crossways
4	Aisle width for 800 x 1200 pallet lengthways
35	Turning radius
9	Height tiller min. / max.
1	Performances
1	Travel speed (laden / unladen)
2	Lifting speed (laden / unladen)
3	Lowering speed (laden / unladen)
B	Max Gradeability (laden / unladen)
0	Service brake
	Engine
	Drive motor rating S2 60 min
2	Lift motor rating at S3 15%
3	Battery according to DIN 43531/35/36 A, B, C
4	Battery voltage / capacity
5	Battery weight (+/- 5%)
	Miscellaneous
	Type of drive control
	Sound level at the driver's ear according to DIN 12 053

	Metric
	Manitou
	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
	Polyurethane
	2 / 150x70
	1 / 2
	1/230x70
b11	826 mm
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
α - Mast/fork carriage tilt, forward	٥	4	4
β - Mast/fork carriage tilt, backward	٥	6	б
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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