Technical sheet :





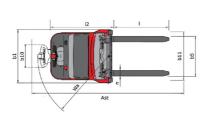


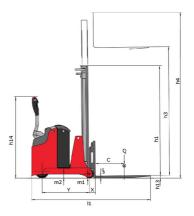
Technical characteristics	
Manufacturer	
Model Name	
Power source	
Operator type	
Max. capacity	
Load center of gravity	
Distance from Load backrest to center of rear axle	
Wheelbase	
Weight	
Service weight	
Weight on front axle (laden) / rear axle (laden)	
Weight on front axle (Unladen) / rear axle (Unladen)	
Wheels	
Tires type	
Number of load wheels / Size of load wheels	
Number of front wheels / size of foad wheels	
Number of drive wheels / Size of drive wheels	
Rear wheel gauge	
Dimensions	
Fork height in low position Overall length	
Length to face of forks	
Overall width	
Forks section / width / length	
Fork carriage ISO 2328 (class/form) A/B	
Fork carriage width	
Ground clearance below mast	
Ground clearance at centre of wheelbase	
Aisle Width for pallets 1000 x 1200 crossways	
Aisle width for 800 x 1200 pallet lengthways	
Tuming radius	
Height tiller min. / max.	
Performances	
Travel speed (laden / unladen)	
Lifting speed (laden / unladen)	
Lowering speed (laden / unladen)	
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	
Battery weight (+/- 5%)	
Miscellaneous	
Type of drive control	
Sound level at the driver's ear according to DIN 12 053	

ES-C 507 Created on August 1	12, 2025 at 7:09 PM UTC
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	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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