Technical sheet:

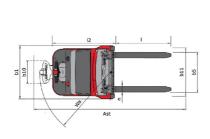
## ES-C 507

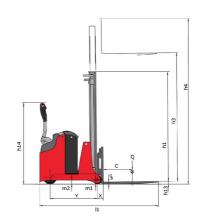




	23 2 307 %	eated off August 1, 2025 at 6.03 PM OT
Technical characteristics		Metric
Manufacturer		Manitou
Model Name		ES 507 GPF - ES-C 507
Power source		Electrical
Operator type		Pedestrian
Max. capacity	Q	700 kg
Load center of gravity	С	400 mm
Distance from Load backrest to center of rear axle	х	96 mm
Wheelbase	у	932 mm
Weight		
Service weight		1250 kg
Weight on front axle (laden) / rear axle (laden)		1893 kg / 307 kg
Weight on front axle (Unladen) / rear axle (Unladen)		820 kg / 680 kg
Wheels		
Tires type		Polyurethane
Number of load wheels / Size of load wheels		2 / 150x70
Number of front wheels / rear wheels		1/2
Number of drive wheels / Size of drive wheels		1/230x70
Rear wheel gauge	b11	826 mm
Dimensions		
Fork height in low position	h13	35 mm
Overall length	l1	2015 mm
Length to face of forks	12	1215 mm
Overall width	b1	923 mm
Forks section / width / length	s / e / I	30 mm / 100 mm / 800 mm
Fork carriage ISO 2328 (class/form) A/B		2B
Fork carriage width	b3	750 mm
Ground clearance below mast	m1	60 mm
Ground clearance at centre of wheelbase	m2	69 mm
Aisle Width for pallets 1000 x 1200 crossways	Ast	2717 mm
Aisle width for 800 x 1200 pallet lengthways	Ast	2820 mm
Turning radius	Wa	1130 mm
Height tiller min. / max.	h14 / h14	830 mm / 1385 mm
Performances		
Travel speed (laden / unladen)		6 km/h / 6 km/h
Lifting speed (laden / unladen)		0.18 m/s / 0.30 m/s
Lowering speed (laden / unladen)		0.27 m/s / 0.22 m/s
Max Gradeability (laden / unladen)		7 % / 10 %
Service brake		Electro magnetic
Engine		
Drive motor rating S2 60 min		1.50 kW
Lift motor rating at S3 15%		3 kW
Battery according to DIN 43531/35/36 A, B, C		DIN 43535-B
Battery voltage / capacity		24 V / 180 Ah
Battery weight (+/- 5%)		175 kg
Miscellaneous		
Type of drive control		AC
Sound level at the driver's ear according to DIN 12 053		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	۰	4	4
β - Mast/fork carriage tilt, backward	۰	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	٠	4	4	4
β - Mast/fork carriage tilt, backward	۰	6	6	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
α - Mast/fork carriage tilt, forward	۰	4	4
β - Mast/fork carriage tilt, backward	۰	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	٠	4
β - Mast/fork carriage tilt, backward	٠	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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