Technical sheet :





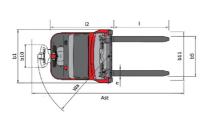


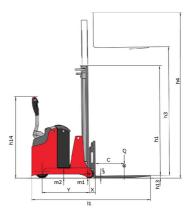
	Technical characteristics
1.1	Manufacturer
.2	Model Name
.3	Power source
.4	Operator type
.5	Max. capacity
.6	Load center of gravity
1.8	Distance from Load backrest to center of rear axle
1.9	Wheelbase
	Weight
2.1	Service weight
.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front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

ES-C 507 Created on August 30,	2025 at 8:02 PM UTC
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ES-C 507	Greated Off August 30, 2023 at 6.02 FW OTG
	Metric
	Manitou
	ES-C 507
	Electrical - Lead
	Pedestrian
Q	700 kg
c	400 mm
x	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
	4.501.00
	1.50 kW
	3 kW
	DIN 43535-B
	24 V / 180 Ah
	175 kg
	40
	AC C
	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
$\beta$ - 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
$\beta$ - 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
$\beta$ - 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
$\beta$ - Mast/fork carriage tilt, backward	٥	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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