Technical sheet :







	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Distance from Load backrest to center of rear axle
.9	Wheelbase
	Weight
.1	Service weight
	Wheels
.1	Tires type
3.3	Number of load wheels / Size of load wheels
3.5	Number of front wheels / rear wheels
.J 5.2	Number of drive wheels / Size of drive wheels
.7	Rear wheel gauge
.,	Dimensions
.15	Fork height in low position
.19	Overall length
20	Length to face of forks
.20	Overall width
.22	Forks section / width / length
23	Fork carriage ISO 2328 (class/form) A/B
23	Fork carriage width
31	Ground clearance below mast
32	Ground clearance below mast
3	Aisle Width for pallets 1000 x 1200 crossways
33 34	Aisle width for 800 x 1200 pallet lengthways
35	
9	Tuming radius Height tiller min. / max.
,	Performances
1	Travel speed (laden / unladen)
1 2	
	Lifting speed (laden / unladen)
.3 .8	Lowering speed (laden / unladen)
	Max Gradeability (laden / unladen) Service brake
10	
1	Engine
	Drive motor rating S2 60 min
2	Lift motor rating at \$3 15%
.3	Battery according to DIN 43531/35/36 A, B, C
.4	Battery voltage / capacity
i.5	Battery weight (+/- 5%)
	Miscellaneous
.1	Type of drive control
.4	Sound level at the driver's ear according to DIN 12 053

ES-C 504	Created on August 12, 2025 at 2:47 PM UTC
	Metric
	Manitou
	ES-C 504
	Electrical
	Pedestrian
Q	400 kg
С	400 mm
x	96 mm
у	817 mm
	1120 kg
	Polyurethane
	2 / 150x70
	1 / 2
	1/230x70
b11	826 mm
h13	35 mm
11	1900 mm
12	1100 mm
b1	923 mm
s / e / l	30 mm / 100 mm / 800 mm
	28
b3	750 mm
m1	60 mm
m2	69 mm
Ast	2595 mm 2705 mm
Ast Wa	2705 mm 1130 mm
wa h14 / h14	
n14 / n14	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
	Liecuo magnetto

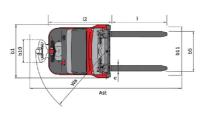
1.50 kW

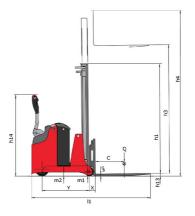
3 kW DIN 43535-B 24 V / 180 Ah 175 kg

AC

65 dB

ES-C 504 - 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	400	400

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
α - Mast/fork carriage tilt, forward	۰	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	400	400	300

Free Lift Duplex (FLD)		FLD 29	FLD 34
a - 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	400	400

Free Lift Triplex (FLT)		FLT 42
a - Mast/fork carriage tilt, forward	۰	4
β - 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	200



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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