Technical sheet :





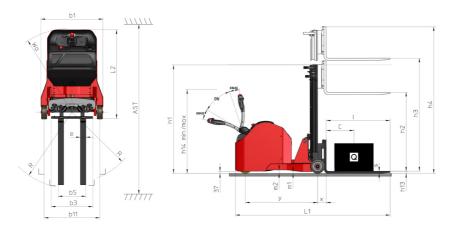


11	Technical characteristics
1.1	Manufacturer Model Name
1.2 1.3	Model Name
	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Distance from Load backrest to center of rear axle
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
3.1	Tires type
3.3	Number of load wheels / Size of load wheels
3.5	Number of front wheels / rear wheels
3.5.2	Number of drive wheels / Size of drive wheels
3.7	Rear wheel gauge
	Dimensions
4.15	Fork height in low position
4.19	Overall length
4.20	Length to face of forks
4.21	Overall width
4.22	Forks section / width / length
4.24	Fork carriage width
4.31	Ground clearance below mast
4.32	Ground clearance at centre of wheelbase
4.33	Aisle Width for pallets 1000 x 1200 crossways
4.34	Aisle width for 800 x 1200 pallet lengthways
4.35	Turning radius
4.9	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)
5.10	Service brake
	Engine
6.1	Drive motor rating S2 60 min
6.2	Lift motor rating at S3 15%
6.3	Battery according to DIN 43531/35/36 A, B, C
6.4	Battery voltage / capacity
6.4.1	Battery max. capacity
6.5	Battery weight (+/- 5%)
6.5.1	Battery weight
0.0.1	Miscellaneous
8.1	Type of drive control
8.4	
0.4	Sound level at the driver's ear according to DIN 12 053

23 6 7 1	
	Metric
	Manitou
	ES-C 716
	Electrical
	Pedestrian
Q	1600 kg
c	500 mm
x	157 mm
	1300 mm
у	1300 mm
	2400 kg
	520 kg / 3460 kg
	1350 kg / 1050 kg
	1350 kg / 1050 kg
	Polyurethane
	2 / 250x100
	1/2
	1/254x100
b11	1003 mm
h13	45 mm
11	2790 mm
12	1640 mm
b1	1120 mm
s / e / l	40 mm / 100 mm / 1150 mm
b3	750 mm
m1	31 mm
m2	62 mm
Ast	3128 mm
Ast	3236 mm
Wa	1660 mm
h14 / h14	1005 mm / 1405 mm
	6 km/h / 6 km/h
	0.11 m/s / 0.20 m/s
	0.22 m/s / 0.21 m/s
	5 % / 8 %
	Electro magnetic
	2 kW
	4 kW
	DIN 43535-B
	24 V / 315 Ah
	315 A
	275 kg
	300 kg
	AC
	65 dB

ES-C 716 Created on August 1, 2025 at 6:03 PM UTC

ES-C 716 - Dimensional drawing



Characteristics of masts and residual capacities

Central Cylinder Duplex (CCD)		CCD 29	CCD 34	CCD 38
α - Mast/fork carriage tilt, forward	٥	4	4	4
β - Mast/fork carriage tilt, backward	٥	б	6	6
h1 - Mast lowered height	mm	1955	2205	2405
h2 - Mast free lift	mm	1420	1420	1420
h3 - Mast lifting height	mm	2900	3400	3800
h4 - Mast extended height	mm	3400	3960	4360
Residual capacity at max height	kg	1600	1600	1250

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	6
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1420	1420
h3 - Mast lifting height	mm	1500	1700
h4 - Mast extended height	mm	2030000	2280
Residual capacity at max height	kg	1600	1600

Free Lift Duplex (FLD)		FLD 29	FLD 34
α - Mast/fork carriage tilt, forward	•	4	4
β - Mast/fork carriage tilt, backward	٥	6	6
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1420	1420
h3 - Mast lifting height	mm	2900	3400
h4 - Mast extended height	mm	3460	3960
Residual capacity at max height	kg	1600	1600

Free Lift Triplex (FLT)		FLT 42	FLT 47	FLT 54
α - Mast/fork carriage tilt, forward °		4	4	4
β - Mast/fork carriage tilt, backward	٥	6	6	6
h1 - Mast lowered height	mm	1915	2075	2315
h2 - Mast free lift	mm	1420	1420	1420
h3 - Mast lifting height	mm	4200	4700	5400
h4 - Mast extended height	mm	4770	5250	5980000
Residual capacity at max height	kg	1050	850	650



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