Technical sheet :





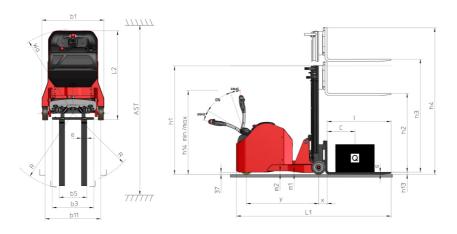


	Technical characteristics
1.1	Manufacturer
1.1	Manuacturer
1.2	Power source
1.3	Operator type
	· <i>n</i>
1.5	Max. capacity
1.6	Load center of gravity
1.8	Distance from Load backrest to center of rear axle
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	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 max, weight
0.1	Miscellaneous
8.1	Type of drive control
8.4	Sound level at the driver's ear according to DIN 12 053

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5-C 716	Created on September 9, 2025 at 7.07 PM 010
	Metric
	Manitou
	ES-C 716
	Electrical - Lead
	Pedestrian
Q	1600 kg
c	500 mm
x	157 mm
y	1300 mm
,	
	2400 kg
	520 kg / 3460 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 - 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	۰	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	۰	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	۰	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		4770	5250	5980000
Residual capacity at max height kg		1050	850	650



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