Technical sheet :





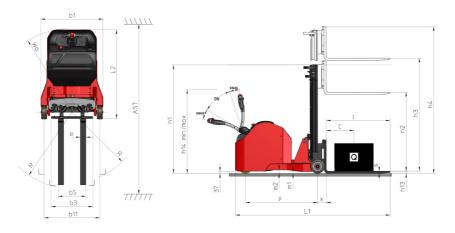


Technical characteristics	
Manufacturer	
Model Name	
Power source	
Operator type	
Max. capacity	
Load center of gravity	
Distance from Load backrest to center of rear axle	
Wheelbase	
Weight	
Service weight	
Weight on front axle (laden) / rear axle (laden)	
Weight on front axle (Unladen) / rear axle (Unladen)	
Wheels	
Tires type	
Number of load wheels / Size of load wheels	
Number of front wheels / rear wheels	
Number of drive wheels / Size of drive wheels	
Rear wheel gauge	
Dimensions	
Fork height in low position	
Overall length	
Length to face of forks	
Overall width	
Forks section / width / length	
Fork carriage width	
Ground clearance below mast	
Ground clearance at centre of wheelbase	
Aisle Width for pallets 1000 x 1200 crossways	
Aisle width for 800 x 1200 pallet lengthways	
Tuming radius	
Height tiller min. / max.	
Performances	
Travel speed (laden / unladen)	
Lifting speed (laden / unladen)	
Lowering speed (laden / unladen)	
Max Gradeability (laden / unladen) Service brake	
Engine	
Drive motor rating S2 60 min	
Lift motor rating at S3 15%	
Battery according to DIN 43531/35/36 A, B, C	
Battery voltage / capacity	
Battery max. capacity	
Battery weight (+/- 5%)	
Battery max. weight	
Miscellaneous	
Type of drive control	
Sound level at the driver's ear according to DIN 12 053	

23-2710	
	Metric
	Manitou
	ES-C 716
	Electrical - Lead
	Pedestrian
Q	1600 kg
С	500 mm
Х	157 mm
у	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 Created on August 30, 2025 at 9:24 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	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	mm	4770	5250	5980000
Residual capacity at max height	kg	1050	850	650



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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