Technical sheet :

ES 112 EASY





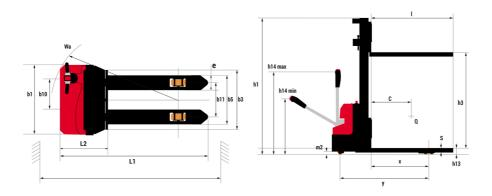
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Technical characteristics 1.1 Manufacturer 1.2 Model Name 1.3 Power source	
1.2 Model Name	
1.4 Operator type	
1.5 Max. capacity	
1.6 Load center of gravity	
1.8 Distance from Load backrest to center of rear axle	
1.9 Wheelbase	_
Weight	
2.1 Service 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	
3.4 Number of stabilizer wheels / Size of the stabilizer wheels	
3.5 Number of front wheels / rear wheels	
3.5.2 Number of drive wheels / Size of drive wheels	
3.6 Front wheel gauge	
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	
4.25 Forks spread	
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	
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%	
6.4 Battery voltage / capacity	
Battery technology	
6.5 Battery weight (+/- 5%)	
Miscellaneous	
8.1 Type of drive control	
8.4 Sound level at the driver's ear according to DIN 12 053	

	Metric
	MANITOU
	ES 112 Easy
	Electrical - Lithium
	Pedestrian
Q	1200 kg
c	600 mm
x	798 mm
у	1198 mm
,	
	610 kg
	645 kg / 1165 kg
	448 kg / 162 kg
	440 kg / 102 kg
	Polyurethane
	4 / 80x64
	1 / 80 x 64
	2/4
	2 / 4 1/210x70
b10	566 mm
b10	396 mm
DII	396 11111
h13	85 mm
113	1700 mm
12	560 mm
12 b1	800 mm
	60 mm / 170 mm / 1150 mm
s/e/l b3	
b5	680 mm 560 mm
	26 mm
m1	
m2	26 mm
Ast	2226 mm
Ast	2169 mm
Wa	1402 mm
	4.50 km/h / 5 km/h
	0.11 m/s / 0.15 m/s
	0.12 m/s / 0.12 m/s
	6 % / 10 %
	Electro magnetic
	0.65 kW
	2.20 kW
	24 V / 60 Ah
	Lithium-ion
	18 kg
	DC
	65 dB

ES 112 Easy - Dimensional drawing



Characteristics of masts and residual capacities

Central Cylinder Duplex (CCD)		CCD 27	CCD 36
h1 - Mast lowered height	mm	1924	2458
h3 - Mast lifting height	mm		3600
h4 - Mast extended height	mm	3274	4258
Residual capacity at max height	kg	1000	600
Height at max capacity	mm	2500	2500

Central Cylinder Simplex (CCS)		CCS 11	CCS 15
h1 - Mast lowered height	mm	1716	1992
h2 - Mast free lift	mm	1100	1475
h3 - Mast lifting height	mm	1100	1500
h4 - Mast extended height	mm	1716	2015
Residual capacity at max height	kg	1200	1200
Height at max capacity	mm	1100	1500



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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