Technical sheet:

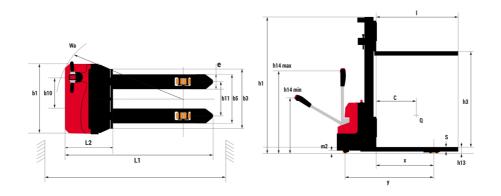
## ES 112 EASY





	ESTIZEAST	catca on August 2, 2020 at 0.21 AM
Technical characteristics		Metric
Manufacturer		MANITOU
Model Name		ES 112 Easy
Power source		Electrical - Lithium
Operator type		Pedestrian
Max. capacity	Q	1200 kg
Load center of gravity	c	600 mm
Distance from Load backrest to center of rear axle	x	798 mm
Wheelbase	у	1198 mm
Weight		
Service weight		610 kg
Weight on front axle (laden) / rear axle (laden)		645 kg / 1165 kg
Weight on front axle (Unladen) / rear axle (Unladen)		448 kg / 162 kg
Wheels		3 3
Tires type		Polyurethane
Number of load wheels / Size of load wheels		4 / 80x64
Number of stabilizer wheels / Size of the stabilizer wheels		1 / 80 x 64
Number of front wheels / rear wheels		2 / 4
Number of drive wheels / Size of drive wheels		1/210x70
Front wheel gauge	b10	566 mm
Rear wheel gauge	b11	396 mm
Dimensions		
Fork height in low position	h13	85 mm
Overall length	I1	1700 mm
Length to face of forks	12	560 mm
Overall width	b1	800 mm
Forks section / width / length	s / e / I	60 mm / 170 mm / 1150 mm
Fork carriage width	b3	680 mm
Forks spread	b5	560 mm
Ground clearance below mast	m1	26 mm
Ground clearance at centre of wheelbase	m2	26 mm
Aisle Width for pallets 1000 x 1200 crossways	Ast	2226 mm
Aisle width for 800 x 1200 pallet lengthways	Ast	2169 mm
Tuming radius	Wa	1402 mm
Performances		
Travel speed (laden / unladen)		4.50 km/h / 5 km/h
Lifting speed (laden / unladen)		0.11 m/s / 0.15 m/s
Lowering speed (laden / unladen)		0.12 m/s / 0.12 m/s
Max Gradeability (laden / unladen)		6 % / 10 %
Service brake		Electro magnetic
Engine		
Drive motor rating S2 60 min		0.65 kW
Lift motor rating at S3 15%		2.20 kW
Battery voltage / capacity		24 V / 60 Ah
Battery technology		Lithium-ion
Battery weight (+/- 5%)		18 kg
Miscellaneous		10 Kg
- micromando		
Type of drive control		DC

## 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**

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