Technical sheet:

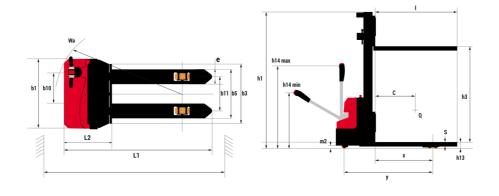
## ES 112 EASY





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 (Unladen) Wheels	Q C X y	Metric MANITOU ES 112 Easy Electrical Pedestrian 1200 kg 600 mm 798 mm 1198 mm 610 kg 645 kg / 1165 kg 448 kg / 162 kg
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	C X	ES 112 Easy Electrical Pedestrian 1200 kg 600 mm 798 mm 1198 mm 610 kg
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	C X	Electrical Pedestrian 1200 kg 600 mm 798 mm 1198 mm 610 kg 645 kg / 1165 kg
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	C X	Electrical Pedestrian 1200 kg 600 mm 798 mm 1198 mm 610 kg 645 kg / 1165 kg
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)	C X	Pedestrian 1200 kg 600 mm 798 mm 1198 mm 610 kg 645 kg / 1165 kg
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)	C X	1200 kg 600 mm 798 mm 1198 mm 610 kg 645 kg / 1165 kg
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	C X	600 mm 798 mm 1198 mm 610 kg 645 kg / 1165 kg
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	x	798 mm 1198 mm 610 kg 645 kg / 1165 kg
Wheelbase  Weight  Service weight  Weight on front axle (laden) / rear axle (laden)  Weight on front axle (Unladen) / rear axle (Unladen)  Wheels		1198 mm 610 kg 645 kg / 1165 kg
Weight Service weight Weight on front axle (laden) / rear axle (laden) Weight on front axle (Unladen) / rear axle (Unladen) Wheels		610 kg 645 kg / 1165 kg
Service weight Weight on front axle (laden) / rear axle (laden) Weight on front axle (Unladen) / rear axle (Unladen) Wheels		645 kg / 1165 kg
Weight on front axle (laden) / rear axle (laden) Weight on front axle (Unladen) / rear axle (Unladen) Wheels		645 kg / 1165 kg
Weight on front axle (Unladen) / rear axle (Unladen) Wheels		
Wheels		
		440 kg / 102 kg
Tires type		Polyurethane
Number of load wheels / Size of load wheels		4 / 80x64
		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		
Mast lowered height	h1	1924 mm
Mast lifting height	h3	2700 mm
Mast extended height	h4	3274 mm
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/l	60 mm / 170 mm / 1150 mm
Fork carriage width	b3	680 mm
Forks spread	b5	560 mm
Ground clearance below mast	m1	26 mm
	m2	26 mm
		2226 mm
	Ast	2169 mm
		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
		Liectio magnetic
		0.65 kW
		2.20 kW
-		2.20 kW 24 V / 60 Ah
		Lithium-ion
		18 kg
•		DC 65 dB
	Number of stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels Number of drive wheels / Size of drive wheels Front wheel gauge Rear wheel gauge Dimensions Mast lowered height Mast lifting height Mast extended height Fork height in low position Overall length Length to face of forks Overall width Forks section / width / length Fork carriage width	Number of stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels Number of drive wheels / Size of drive wheels Front wheel gauge b10 Rear wheel gauge b11 Dimensions Mast lowered height h1 Mast lifting height h3 Mast extended height h4 Fork height in low position h13 Overall length Length to face of forks 12 Overall width b1 Length to face of forks 12 Overall width b1 Forks section / width / length fork carriage width Fork septed Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Ast Aisle width for 800 x 1200 pallet lengthways Turning radius Freformances Travel speed (laden / unladen) Lifting speed (laden / unladen) Lifting speed (laden / unladen) Service brake Engline Drive motor rating \$2.60 min Lift motor r

## ES 112 Easy - Dimensional drawing







## **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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes