Technical sheet:

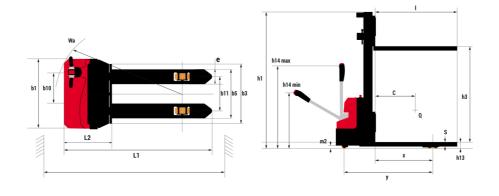
ES 112 EASY





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 (laden) Weight on front axle (Unladen) / rear axle (Unladen) Wheels Tires type Number of load wheels / Size of load wheels Number of stabilizer wheels / Size of the stabilizer wheels Number of front wheels / Far wheels Number of drive wheels / Size of drive 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 Polyurethane 4 / 80x64
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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 stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels	C X	1200 kg 600 mm 798 mm 1198 mm 610 kg 645 kg / 1165 kg 448 kg / 162 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 Tires type Number of load wheels / Size of load wheels Number of stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels	C X	600 mm 798 mm 1198 mm 610 kg 645 kg / 1165 kg 448 kg / 162 kg Polyurethane
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 stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels	X	798 mm 1198 mm 610 kg 645 kg / 1165 kg 448 kg / 162 kg Polyurethane
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 stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels		1198 mm 610 kg 645 kg / 1165 kg 448 kg / 162 kg Polyurethane
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 stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels		610 kg 645 kg / 1165 kg 448 kg / 162 kg Polyurethane
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 stabilizer wheels / Size of the stabilizer wheels		645 kg / 1165 kg 448 kg / 162 kg Polyurethane
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 stabilizer wheels / Size of the stabilizer wheels		645 kg / 1165 kg 448 kg / 162 kg Polyurethane
Weight on front axle (Unladen) / rear axle (Unladen) Wheels Tires type Number of load wheels / Size of load wheels Number of stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels		448 kg / 162 kg Polyurethane
Wheels Tires type Number of load wheels / Size of load wheels Number of stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels		Polyurethane
Tires type Number of load wheels / Size of load wheels Number of stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels		•
Number of load wheels / Size of load wheels Number of stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels		•
Number of stabilizer wheels / Size of the stabilizer wheels Number of front wheels / rear wheels		4 / 80x64
Number of front wheels / rear wheels		
		1 / 80 x 64
Number of drive wheels / Size of drive wheels		2 / 4
		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	l1	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
	Front 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 sarriage width Forks spread 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 Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Lowering speed (laden / unladen) Service brake Engine Drive motor rating \$2 60 min Lift motor rating at \$3 15% Battery voltage / capacity Battery technology Battery technology Battery weight (+/- 5%) Miscellaneous Type of drive control Sound level at the driver's ear according to DIN 12 053	Rear wheel gauge b11 Dimensions 1 Mast lowered height h3 Mast extended height h4 Fork height in low position h13 Overall length 11 Length to face of forks 12 Overall width b1 Fork section / width / length s / e / l Fork section / width / length s / e / l Fork sepred b5 Ground clearance below mast m1 Ground clearance at centre of wheelbase m2 Alse Width for pallets 1000 x 1200 crossways Ast Alse width for 800 x 1200 pallet lengthways Ast Turning radius Wa Performances Wa Turning speed (laden / unladen) Wa Lifting speed (laden / unladen) Wa Lowering speed (laden / unladen) Wa Drive motor rating \$2.60 min Engine Drive motor rating \$2.60 min Engine Battery velopit (+/- 5%) Engine Battery technology Fervice Battery technology Fer

ES 112 Easy - Dimensional drawing







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