Technical sheet :



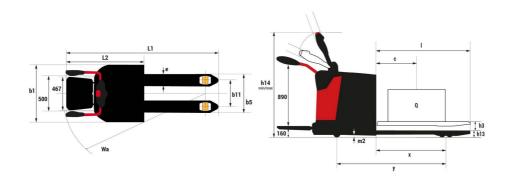




		EP 20 Crea	ated on August 13, 2025 at 12:27 AN
	Technical characteristics		Metric
1.1	Manufacturer		Manitou
1.2	Model Name		EP 20
1.3	Power source		Electrical
1.4	Operator type		Pedestrian
1.5	Max. capacity	Q	2000 kg
1.6	Load center of gravity	c	600 mm
1.8	Load distance, centre of drive axle to fork	x	953 mm
1.9	Wheelbase	у	1372 mm
	Weight		
2.1	Service weight		482 kg
2.2	Weight on front axle (laden) / rear axle (laden)		1077 kg / 1405 kg
2.3	Weight on front axle (Iudein) / rear axle (Iudein) Weight on front axle (Iuladen) / rear axle (Iuladen)		337 kg / 145 kg
2.5	Wheels		557 kg7 145 kg
3.1	Tires type		Bandage
3.1	Dimensions of front wheels		230 x 75
3.2	Dimensions of rear wheels		
			4 x (82 x 70)
3.5	Number of front wheels / rear wheels	110	3 / 4
3.6	Front wheel gauge	b10	435 mm
3.7	Rear wheel gauge	b11	366 mm
	Dimensions		
.15	Fork height in low position	h13	85 mm
.19	Overall length	11	1739 mm
.20	Length to face of forks	12	589 mm
.21	Overall width	b1	680 mm
1.22	Forks section / width / length	s / e / l	45 mm x 175 mm x 1150 mm
.25	Forks spread	b5	540 mm
1.32	Ground clearance at centre of wheelbase	m2	35 mm
1.34	Aisle width for 800 x 1200 pallet lengthways	Ast	1939 mm
1.35	Turning radius	Wa	1544 mm
4.4	Mast lifting height	h3	125 mm
4.9	Height tiller min.	h14	866 mm
4.9	Height tiller max.	h14	1320 mm
	Performances		
5.1	Travel speed (laden / unladen)		5.80 km/h / 6 km/h
5.2	Lifting speed (laden / unladen)		0.02 m/s / 0.03 m/s
5.3	Lowering speed (laden / unladen)		0.04 m/s / 0.02 m/s
5.7	Gradeability (laden / unladen)		10 % / 25 %
5.10	Service brake		Electro magnetic
5.11	Parking brake		Handle Release
	Engine		
6.1	Drive motor rating S2 60 min		1.20 kW
6.2	Lift motor rating at S3 15%		1 kW
6.3	Battery according to DIN 43531/35/36 A, B, C		DIN 43535-B
6.4	Battery voltage / capacity		24 V / 180 Ah
6.5	Battery weight (+/- 5%)		180 kg
	Miscellaneous		
8.1	Type of drive control		AC
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 65 dB

Metric
Manitou
EP 20
Electrical
Pedestrian
2000 kg
600 mm
953 mm
1372 mm
482 kg
1077 kg / 1405 kg
337 kg / 145 kg
Bandage
230 x 75
4 x (82 x 70)
3 / 4
435 mm
366 mm
85 mm
1739 mm
589 mm
680 mm 45 mm x 175 mm x 1150 mm
45 mm x 175 mm x 1150 mm 540 mm
35 mm
1939 mm
1544 mm
125 mm
866 mm
1320 mm
5.80 km/h / 6 km/h
0.02 m/s / 0.03 m/s
0.04 m/s / 0.02 m/s
10 % / 25 %
Electro magnetic
Handle Release
1.20 kW
1 kW
DIN 43535-B
24 V / 180 Ah
180 kg
AC
< 65 dB

EP 20 - 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