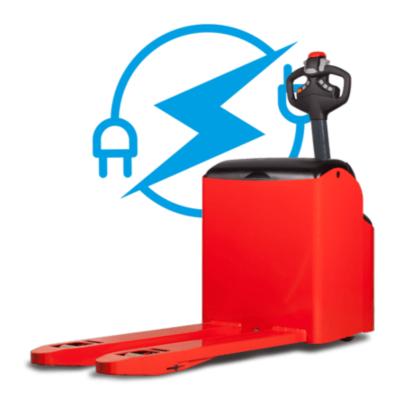
Technical sheet:

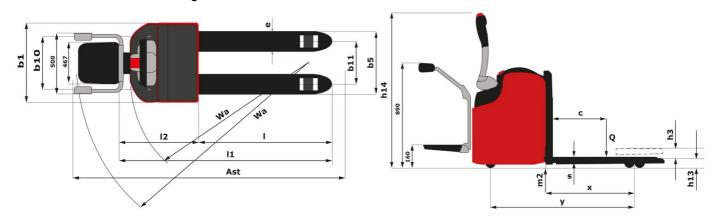
## **EP 20**





Technical characteristics  Manufacturer  Model Name Power source Operator type Max. capacity Load center of gravity  C	Metric Manitou EP 20 Electrical Pedestrian 2000 kg 600 mm 953 mm 1372 mm  482 kg	Imperial Manitou EP 20 Electrical Pedestrian 4409 lb 24 in 38 in 54 in
Model Name Power source Operator type Max. capacity Load center of gravity  C	EP 20 Electrical Pedestrian 2000 kg 600 mm 953 mm 1372 mm  482 kg	EP 20 Electrical Pedestrian 4409 lb 24 in 38 in 54 in
Power source Operator type Max. capacity Load center of gravity  C	Electrical Pedestrian 2000 kg 600 mm 953 mm 1372 mm  482 kg 1077 kg / 1405 kg	Electrical Pedestrian 4409 lb 24 in 38 in 54 in
Operator type  Max. capacity  Load center of gravity  C	Pedestrian 2000 kg 600 mm 953 mm 1372 mm 482 kg 1077 kg / 1405 kg	Pedestrian 4409 lb 24 in 38 in 54 in
Max. capacity Q Load center of gravity c	2000 kg 600 mm 953 mm 1372 mm 482 kg 1077 kg / 1405 kg	4409 lb 24 in 38 in 54 in 1063 lb
Load center of gravity c	600 mm 953 mm 1372 mm 482 kg 1077 kg / 1405 kg	24 in 38 in 54 in 1063 lb
, ,	953 mm 1372 mm 482 kg 1077 kg / 1405 kg	38 in 54 in 1063 lb
	1372 mm 482 kg 1077 kg / 1405 kg	54 in 1063 lb
Load distance, centre of drive axle to fork x	482 kg 1077 kg / 1405 kg	1063 lb
Wheelbase	1077 kg / 1405 kg	
Weight	1077 kg / 1405 kg	
Service weight		
Weight on front axle (laden) / rear axle (laden)		2374 lb / 3097 lb
Weight on front axle (Unladen) / rear axle (Unladen)	337 kg / 145 kg	743 lb / 320 lb
Wheels		
Tires type	Bandage	Bandage
Dimensions of front wheels	230 x 75	230 x 75
Dimensions of rear wheels	4 x (82 x 70)	4 x (82 x 70)
Additional wheels (dimensions)	2 x (100 x 40)	2 x (100 x 40)
Number of front wheels / rear wheels	3x + 4	3x + 4
Front wheel gauge b10	435 mm	17 in
Rear wheel gauge b11	366 mm	14 in
Dimensions		
Fork height in low position h13	85 mm	3 in
9 Overall length I1	1739 mm	68 in
Length to face of forks	589 mm	23 in
1 Overall width b1	680 mm	27 in
2 Forks section / width / length s / e / l	45 mm x 175 mm x 1150 mm	2 in x 7 in x 45 in
5 Fork spread b5	540 mm	21 in
2 Ground clearance at centre of wheelbase m2	35 mm	1 in
4 Aisle width for 800 x 1200 pallet lengthways Ast	1939 mm	76 in
5 Tuming radius Wa	1544 mm	61 in
Mast lift h3	125 mm	5 in
Height tiller min.	866 mm	34 in
Height tiller max. h14	1320 mm	52 in
Performances		
Travel speed (laden / unladen)	5.80 km/h / 6 km/h	4 mph / 4 mph
Lifting speed (laden / unladen)	0.02 m/s / 0.03 m/s	0.10 ft/s / 0.12 ft/s
Lowering speed (laden / unladen)	0.04 m/s / 0.02 m/s	0.16 ft/s / 0.09 ft/s
Gradeability (laden / unladen)	10 % / 25 %	10 % / 25 %
Service brake	Electro magnetic	Electro magnetic
1 Parking brake	Handle Release	Handle Release
Engine		
Drive motor rating S2 60 min	1.20 kW	1.20 kW
Lift motor rating at S3 15%	1 kW	1 kW
Battery according to DIN 43531/35/36 A, B, C	DIN 43535-B	DIN 43535-B
Battery voltage / capacity	24 V / 180 Ah	24 V / 180 Ah
Battery weight (+/- 5%)	180 kg	397 lb
Miscellaneous		
Type of drive control	AC	AC
Measured/quaranteed mean noise level at the ear of the operator	< 65 dB	< 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