

Technical sheet :

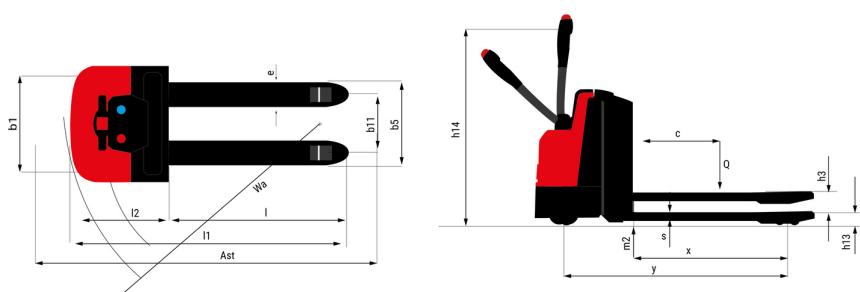
# EP 16 EASY



 **MANITOU**  
HANDLING YOUR WORLD

Technical characteristics		Metric	
1.1	Manufacturer	Manitou	
1.2	Model Name	EP 16 Easy	
1.3	Power source	Electrical - Lead	
1.4	Operator type	Pedestrian	
1.5	Max. capacity	1600 kg	
1.6	Load center of gravity	600 mm	
1.8	Load distance, centre of drive axle to fork	980 mm	
1.9	Wheelbase	1415 mm	
Weight		Weight	
2.1	Service weight	493 kg	
2.2	Weight on front axle (laden) / rear axle (laden)	755 kg / 1338 kg	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	373 kg / 120 kg	
Wheels		Wheels	
3.1	Tires type	Polyurethane cushion	
3.2	Dimensions of front wheels	250 x 80	
3.3	Dimensions of rear wheels	85 x 70	
3.4	Number of stabilizer wheels / Size of the stabilizer wheels	2 / 100 x 40	
3.5.2	Number of drive wheels / front wheels / rear wheels	1 / 2 / 2	
3.6	Front wheel gauge	540 mm	
3.7	Rear wheel gauge	370 mm	
Dimensions		Dimensions	
4.15	Fork height in low position	85 mm	
4.19	Overall length	1770 mm	
4.20	Length to face of forks	620 mm	
4.21	Overall width	740 mm	
4.22	Forks section / width / length	64 mm x 170 mm x 1150 mm	
4.25	Forks spread	540 mm	
4.32	Ground clearance at centre of wheelbase	20 mm	
4.33	Aisle Width for pallets 1000 x 1200 crossways	1831 mm	
4.34	Aisle width for 800 x 1200 pallet lengthways	2031 mm	
4.35	Turning radius	1556 mm	
4.4	Mast lifting height	125 mm	
4.9	Height tiller min.	1020 mm	
4.9	Height tiller max.	1350 mm	
Performances		Performances	
5.1	Travel speed (laden / unladen)	6 km/h / 6 km/h	
5.2	Lifting speed (laden / unladen)	30 mm/s / 45 mm/s	
5.3	Lowering speed (laden / unladen)	50 mm/s / 35 mm/s	
5.7	Gradeability (laden / unladen)	8 % / 15 %	
5.10	Service brake	Electro magnetic	
5.11	Parking brake	Handle Release	
Engine		Engine	
6.1	Drive motor rating S2 60 min	1.10 kW	
6.2	Lift motor rating at S3 15%	0.80 kW	
6.3	Battery according to DIN 43531/35/36 A, B, C	DIN 43535-B	
6.4	Battery voltage / capacity	24 V / 160 Ah	
Miscellaneous		Miscellaneous	
8.4	Measured/guaranteed mean noise level at the ear of the operator	< 75 dB	

## EP 16 Easy - Dimensional drawing



## Equipment

### Standard

Anti-crushing safety device

Emergency stop

Turboise button



**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](http://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