

Technical sheet :

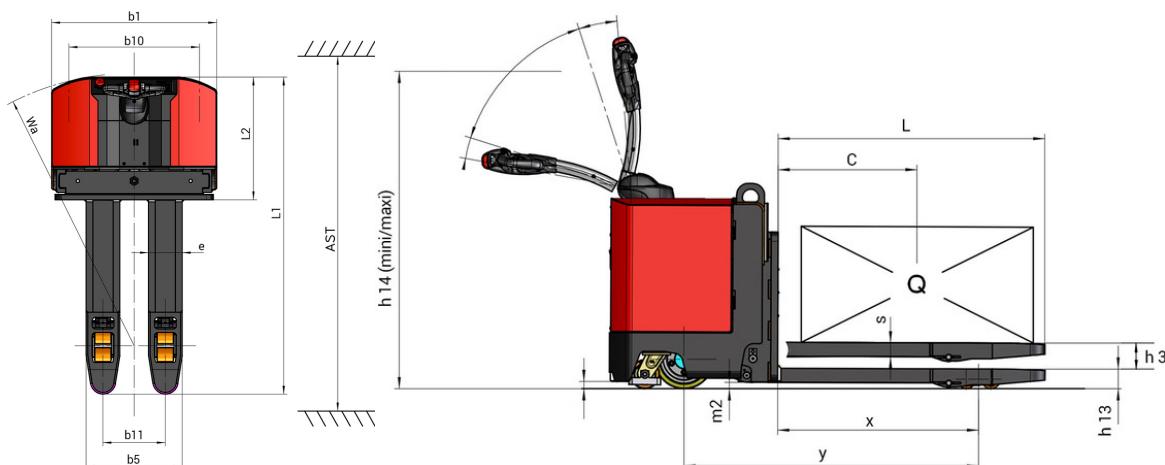
# EP 740



 **MANITOU**  
HANDLING YOUR WORLD

Technical characteristics		Metric	
1.1	Manufacturer	Manitou	
1.2	Model Name	EP 740	
1.3	Power source	Electrical - Lead	
1.4	Operator type	Pedestrian	
1.5	Max. capacity	4000 kg	
1.6	Load center of gravity	600 mm	
1.8	Load distance, centre of drive axle to fork	865 mm	
1.9	Wheelbase	1269 mm	
Weight			
2.1	Service weight	1340 kg	
2.2	Weight on front axle (laden) / rear axle (laden)	2565 kg / 2775 kg	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	1115 kg / 225 kg	
Wheels			
3.1	Tires type	Polyurethane cushion	
3.2	Dimensions of front wheels	254 x 100	
3.3	Dimensions of rear wheels	82 x 100	
3.4	Size of the stabilizer wheels	125 x 50	
3.5.2	Number of drive wheels / front wheels / rear wheels	1 / 2 / 4	
3.6	Front wheel gauge	775 mm	
3.7	Rear wheel gauge	370 mm	
Dimensions			
4.15	Fork height in low position	85 mm	
4.19	Overall length	1880 mm	
4.20	Length to face of forks	725 mm	
4.21	Overall width	980 mm	
4.22	Forks section / width / length	60 mm x 200 mm x 1150 mm	
4.25	Forks spread	570 mm	
4.32	Ground clearance at centre of wheelbase	25 mm	
4.33	Aisle Width for pallets 1000 x 1200 crossways	2100 mm	
4.34	Aisle width for 800 x 1200 pallet lengthways	2150 mm	
4.35	Turning radius	1615 mm	
4.4	Mast lifting height	112 mm	
4.9	Height tiller min.	1030 mm	
4.9	Height tiller max.	1490 mm	
Performances			
5.1	Travel speed (laden / unladen)	5 km/h / 5 km/h	
5.7	Gradeability (laden / unladen)	5 % / 10 %	
5.10	Service brake	Electro magnetic	
5.11	Parking brake	Handle Release	
Engine			
6.1	Drive motor rating S2 60 min	2 kW	
6.2	Lift motor rating at S3 15%	2 kW	
6.3	Battery according to DIN 43531/35/36 A, B, C	DIN 43535-B	
6.4	Battery voltage / capacity	24 V / 315 Ah	
6.5	Battery weight (+/- 5%)	280 kg	
Miscellaneous			
8.1	Type of drive control	AC	
8.4	Measured/guaranteed mean noise level at the ear of the operator	< 75 dB	

## EP 740 - Dimensional drawing





# **MANITOU** HANDLING YOUR WORLD

## 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