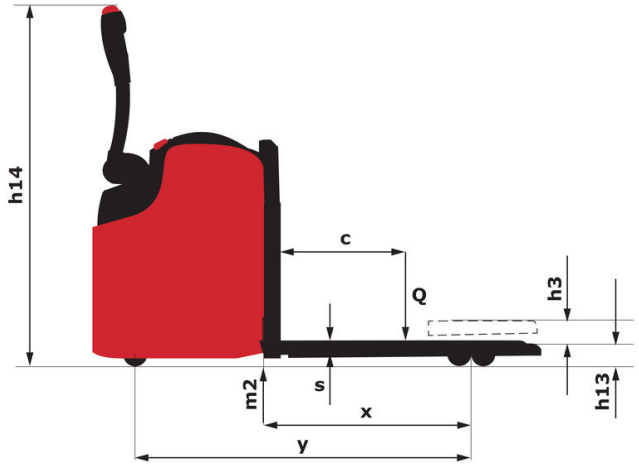
Technical sheet :

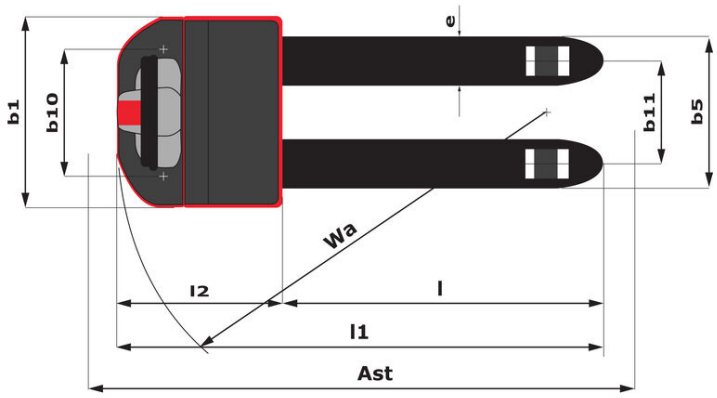
EP 740

MANITOU
HANDLING YOUR WORLD

	Technical characteristics		Metric
1.1	Manufacturer		Manitou
1.2	Model Name		EP 740
1.3	Power source		Battery
1.4	Operator type		Pedestrian
1.5	Max. capacity	Q	4000 kg
1.6	Load centre of gravity	c	600 mm
1.8	Load distance, centre of drive axle to fork	x	866 mm
1.9	Wheelbase	y	1336 mm
	Weight		
2.1	Service weight		1170 kg
	Wheels		
3.1	Tyres type		Bandage
3.5.2	Number of drive wheels		1
3.2	Dimensions of front wheels		320 x 120
3.3	Dimensions of rear wheels		80 x 100
3.4	Additional wheels (dimensions)		120 x 50
3.5	Number of front wheels / rear wheels		3 / 4
3.6	Front wheel gauge	b10	890 mm
3.7	Rear wheel gauge	b11	500 mm
	Dimensions		
4.4	Max. lifting height	h3	195 mm
4.9	Height tiller up min.	h14	1050 mm
4.9	Height tiller up max.	h14	1380 mm
4.15	Fork height in low position	h13	85 mm
4.19	Overall length	l1	1890 mm
4.20	Length to face of forks	l2	740 mm
4.21	Overall width - Single wheels	b1	570 mm
4.21	Overall width	b1	975 mm
4.22	Forks section / width / length	s / e / l	60 mm x 200 mm / 1150 mm
4.25	Fork spread	b5	570 mm
4.32	Ground clearance at centre of wheelbase	m2	25 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2090 mm
4.35	Turning radius	Wa	1645 mm
	Performances		
5.1	Travel speed (laden / unladen)		5 km/h / 6 km/h
5.7	Gradeability (laden / unladen)		5 % / 8 %
5.10	Service brake		Electro magnetic
5.11	Parking brake		Handle Release
	Engine		
6.1	Drive motor rating S2 60 min		1.80 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 / Batteries capacity		24 V / 315 Ah
6.5	Battery weight (+/- 5%)		180 kg
	Miscellaneous		
8.1	Type of drive control		DC
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 70 dB(A)

Dimensional drawing





Siège Social
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

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