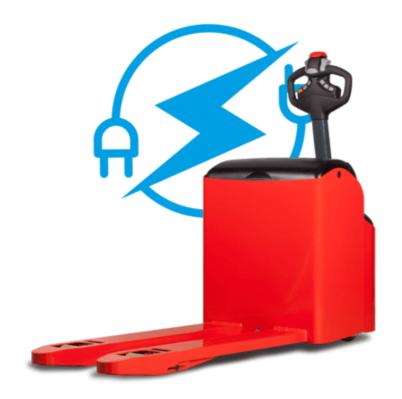
Technical sheet:

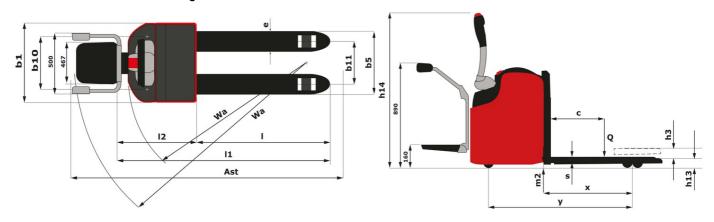
EP 20





			reated on May 3, 2024 at 6:29:37 PM
	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	С	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 (Unladen) / rear axle (Unladen)		337 kg / 145 kg
	Wheels		
3.1	Tires type		Bandage
3.2	Dimensions of front wheels		230 x 75
3.3	Dimensions of rear wheels		4 x (82 x 70)
3.4	Additional wheels (dimensions)		2 x (100 x 40)
3.5	Number of front wheels / rear wheels		3x + 4
3.6	Front wheel gauge	b10	435 mm
3.7	Rear wheel gauge	b11	366 mm
	Dimensions		
4.15	Fork height in low position	h13	85 mm
4.19	Overall length	I1	1739 mm
4.20	Length to face of forks	12	589 mm
4.21	Overall width	b1	680 mm
4.22	Forks section / width / length	s / e / l	45 mm x 175 mm x 1150 mm
4.25	Fork spread	b5	540 mm
4.32	Ground clearance at centre of wheelbase	m2	35 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	1939 mm
4.35	Tuming radius	Wa	1544 mm
4.4	Mast lift	h3	125 mm
4.9	Height tiller min.	h14	866 mm
	Height tiller max.	h14	1320 mm
4.9	Performances	1114	1320 111111
5.1			5.80 km/h / 6 km/h
5.2	Travel speed (laden / unladen)		0.02 m/s / 0.03 m/s
	Lifting speed (laden / unladen)		0.04 m/s / 0.02 m/s
5.3	Lowering speed (laden / unladen)		
5.7	Gradeability (laden / unladen)		10 % / 25 %
5.10	Service brake		Electro magnetic
5.11	Parking brake		Handle Release
<i>c</i> 1	Engine		1.00 law
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

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



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