Technical sheet :

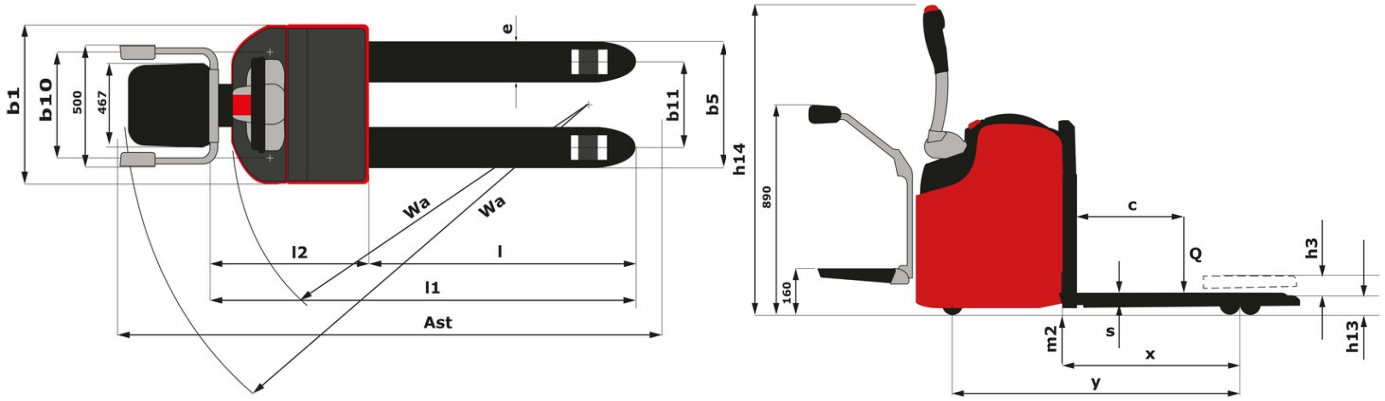
EP 20



MANITOU
HANDLING YOUR WORLD

	Technical characteristics		Metric	Imperial
1.1	Manufacturer		Manitou	Manitou
1.2	Model Name		EP 20	EP 20
1.3	Power source		Electrical	Electrical
1.4	Operator type		Pedestrian	Pedestrian
1.5	Max. capacity	Q	2000 kg	4409 lb
1.6	Load center of gravity	c	600 mm	24 in
1.8	Load distance, centre of drive axle to fork	x	953 mm	38 in
1.9	Wheelbase	y	1372 mm	54 in
	Weight			
2.1	Service weight		482 kg	1063 lb
2.2	Weight on front axle (laden) / rear axle (laden)		1077 kg / 1405 kg	2374 lb / 3097 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		337 kg / 145 kg	743 lb / 320 lb
	Wheels			
3.1	Tires type		Bandage	Bandage
3.2	Dimensions of front wheels		230 x 75	230 x 75
3.3	Dimensions of rear wheels		4 x (82 x 70)	4 x (82 x 70)
3.4	Additional wheels (dimensions)		2 x (100 x 40)	2 x (100 x 40)
3.5	Number of front wheels / rear wheels		3x + 4	3x + 4
3.6	Front wheel gauge	b10	435 mm	17 in
3.7	Rear wheel gauge	b11	366 mm	14 in
	Dimensions			
4.15	Fork height in low position	h13	85 mm	3 in
4.19	Overall length	l1	1739 mm	68 in
4.20	Length to face of forks	l2	589 mm	23 in
4.21	Overall width	b1	680 mm	27 in
4.22	Forks section / width / length	s / e / l	45 mm x 175 mm x 1150 mm	2 in x 7 in x 45 in
4.25	Fork spread	b5	540 mm	21 in
4.32	Ground clearance at centre of wheelbase	m2	35 mm	1 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	1939 mm	76 in
4.35	Turning radius	Wa	1544 mm	61 in
4.4	Mast lift	h3	125 mm	5 in
4.9	Height tiller min.	h14	866 mm	34 in
4.9	Height tiller max.	h14	1320 mm	52 in
	Performances			
5.1	Travel speed (laden / unladen)		5.80 km/h / 6 km/h	4 mph / 4 mph
5.2	Lifting speed (laden / unladen)		0.02 m/s / 0.03 m/s	0.10 ft/s / 0.12 ft/s
5.3	Lowering speed (laden / unladen)		0.04 m/s / 0.02 m/s	0.16 ft/s / 0.09 ft/s
5.7	Gradeability (laden / unladen)		10 % / 25 %	10 % / 25 %
5.10	Service brake		Electro magnetic	Electro magnetic
5.11	Parking brake		Handle Release	Handle Release
	Engine			
6.1	Drive motor rating S2 60 min		1.20 kW	1.20 kW
6.2	Lift motor rating at S3 15%		1 kW	1 kW
6.3	Battery according to DIN 43531/35/36 A, B, C		DIN 43535-B	DIN 43535-B
6.4	Battery voltage / capacity		24 V / 180 Ah	24 V / 180 Ah
6.5	Battery weight (+/- 5%)		180 kg	397 lb
	Miscellaneous			
8.1	Type of drive control		AC	AC
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 65 dB	< 65 dB

EP 20 - Dimensional drawing



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