

Technical sheet :

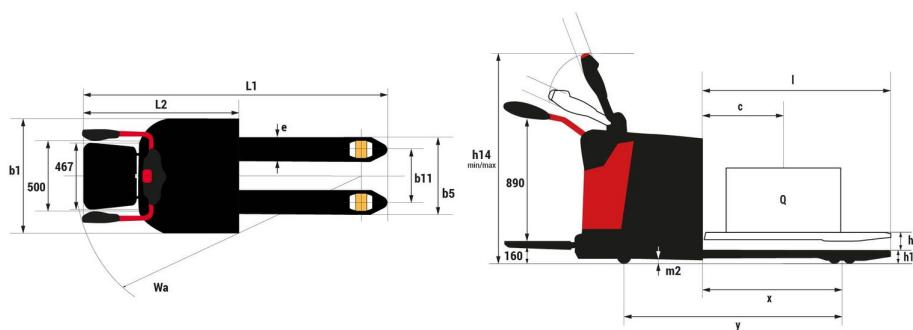
# EP 20

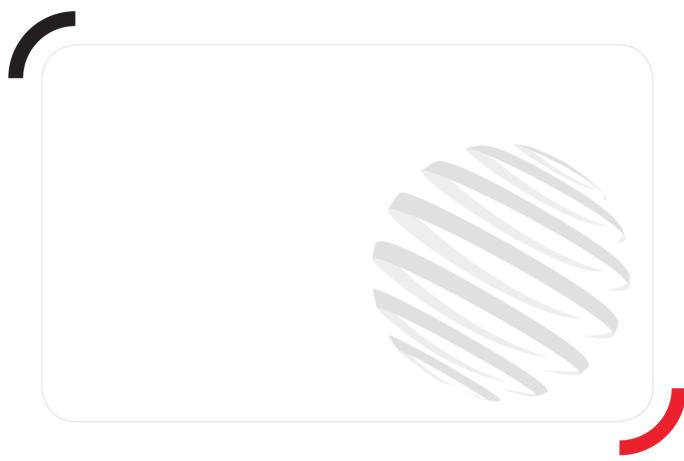


 **MANITOU**  
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Technical characteristics		Metric	
1.1	Manufacturer		Manitou
1.2	Model Name		EP 20
1.3	Power source		Electrical - Lead
1.4	Operator type		Pedestrian
1.5	Max. capacity	Q	2000 kg
1.6	Load center of gravity	c	600 mm
1.8	Load distance, centre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

## EP 20 - Dimensional drawing





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