

Technical sheet :

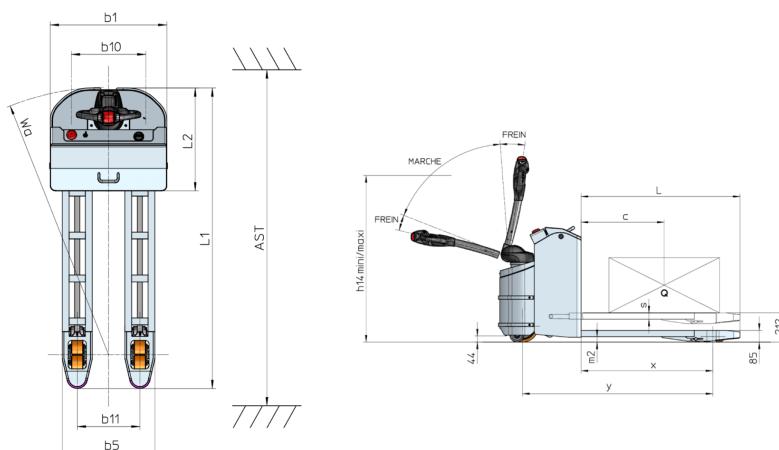
EP 20 INOX PREMIUM



 **MANITOU**
HANDLING YOUR WORLD

Technical characteristics		Metric	
1.1	Manufacturer	Manitou	EP 20 Inox Premium
1.2	Model Name	Electrical - Lead	
1.3	Power source	Pedestrian	
1.4	Operator type	2000 kg	
1.5	Max. capacity	600 mm	
1.6	Load center of gravity	954 mm	
1.8	Load distance, centre of drive axle to fork	1379 mm	
1.9	Wheelbase		
Weight		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		Wheels	
3.1	Tires type	Polyurethane cushion	
3.2	Dimensions of front wheels	230 x 70	
3.3	Dimensions of rear wheels	82 x 68	
3.5.2	Number of drive wheels / front wheels / rear wheels	1 / 2 / 4	
3.6	Front wheel gauge	435 mm	
3.7	Rear wheel gauge	365 mm	
Dimensions		Dimensions	
4.15	Fork height in low position	85 mm	
4.19	Overall length	1750 mm	
4.20	Length to face of forks	599 mm	
4.21	Overall width	680 mm	
4.22	Forks section / width / length	45 mm x 175 mm x 1150 mm	
4.25	Forks spread	540 mm	
4.32	Ground clearance at centre of wheelbase	40 mm	
4.34	Aisle width for 800 x 1200 pallet lengthways	2170 mm	
4.35	Turning radius	1560 mm	
4.4	Mast lifting height	125 mm	
4.9	Height tiller min.	880 mm	
4.9	Height tiller max.	1330 mm	
Performances		Performances	
5.1	Travel speed (laden / unladen)	5 km/h / 5 km/h	
5.2	Lifting speed (laden / unladen)	0.02 m/s / 0.03 m/s	
5.3	Lowering speed (laden / unladen)	0.04 m/s / 0.02 m/s	
5.7	Gradeability (laden / unladen)	10 % / 25 %	
5.10	Service brake	Electro magnetic	
5.11	Parking brake	Handle Release	
Engine		Engine	
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		Miscellaneous	
8.1	Type of drive control	AC	
8.4	Measured/guaranteed mean noise level at the ear of the operator	< 75 dB	

EP 20 Inox Premium - Dimensional drawing





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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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