

Technical sheet :

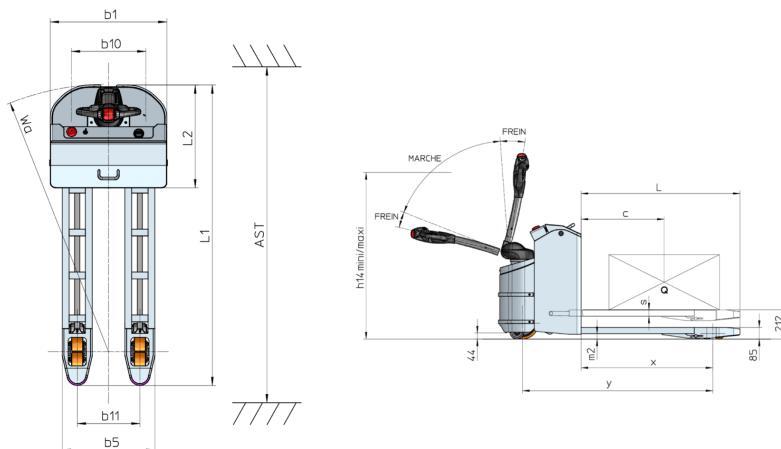
EP 20 INOX PREMIUM



 **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		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 70	
3.2	Dimensions of front wheels	82 x 68	
3.3	Dimensions of rear wheels	1 / 2 / 4	
3.5.2	Number of drive wheels / front wheels / rear wheels	435 mm	
3.6	Front wheel gauge	365 mm	
3.7	Rear wheel gauge		
Dimensions		85 mm	
4.15	Fork height in low position	1750 mm	
4.19	Overall length	599 mm	
4.20	Length to face of forks	680 mm	
4.21	Overall width	45 mm x 175 mm x 1150 mm	
4.22	Forks section / width / length	540 mm	
4.25	Forks spread	40 mm	
4.32	Ground clearance at centre of wheelbase	2170 mm	
4.34	Aisle width for 800 x 1200 pallet lengthways	1560 mm	
4.35	Turning radius	125 mm	
4.4	Mast lifting height	880 mm	
4.9	Height tiller min.	1330 mm	
4.9	Height tiller max.		
Performances		5 km/h / 5 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	75 dB	
8.4	Measured/guaranteed mean noise level at the ear of the operator		

EP 20 Inox Premium - Dimensional drawing





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