

Technical sheet :

# EP 20 INOX



 **MANITOU**  
HANDLING YOUR WORLD

Technical characteristics			Metric	
1.1	Manufacturer			Manitou
1.2	Model Name			EP 20 Inox
1.3	Power source			Electrical
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		952 mm
1.9	Wheelbase	y		1379 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 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	b10		435 mm
3.7	Rear wheel gauge	b11		365 mm
Dimensions				
4.15	Fork height in low position	h13		87 mm
4.19	Overall length	l1		1752 mm
4.20	Length to face of forks	l2		601 mm
4.21	Overall width	b1		684 mm
4.22	Forks section / width / length	s / e / l		45 mm x 179 mm x 1150 mm
4.25	Fork spread	b5		544 mm
4.32	Ground clearance at centre of wheelbase	m2		40 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast		2007 mm
4.35	Turning radius	Wa		1560 mm
4.4	Mast lifting height	h3		125 mm
4.9	Height tiller min.	h14		870 mm
4.9	Height tiller max.	h14		1320 mm
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				
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			< 75 dB

### EP 20 Inox - Dimensional drawing





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