Technical sheet:

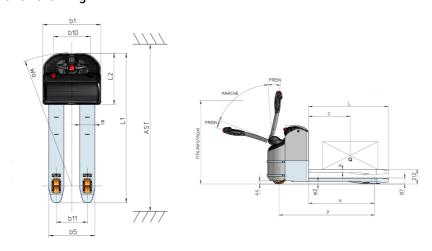
EP 20 INOX





		EP 20 INOX	Created on 15 May 2024 at 18.07.16 OTC
	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	у	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
2.0	Wheels		337 Ng 7 110 Ng
3.1	Tires type		Bandage
3.2	Dimensions of front wheels		230 x 70
3.3	Dimensions of rear wheels		82 x 68
3.4	Additional wheels (dimensions)		100 x 40
3.5.2	Number of drive wheels / front wheels / rear wheels		1x + 2 / 4
3.6	Front wheel gauge	b10	435 mm
3.7	Rear wheel gauge	b11	365 mm
3.7	Dimensions	DII	303 111111
4.15	Fork height in low position	h13	87 mm
4.13	Overall length	l1	1752 mm
4.19	Length to face of forks	12	601 mm
4.20	Overall width	b1	684 mm
4.21			45 mm x 179 mm x 1150 mm
4.25	Forks section / width / length Fork spread	s / e / l b5	45 mm × 179 mm × 1750 mm
4.23	Ground clearance at centre of wheelbase	m2	40 mm
4.32			2007 mm
	Aisle width for 800 x 1200 pallet lengthways	Ast Wa	
4.35	Tuming radius		1560 mm
4.4	Mast lift	h3	125 mm
4.9	Height tiller min.	h14	870 mm
4.9	Height tiller max.	h14	1320 mm
5.4	Performances		51 4 451 4
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 \$3 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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