Technical sheet :

## **EP 20 INOX PREMIUM**

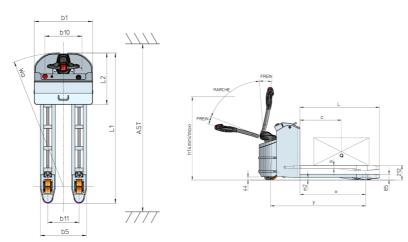




## EP 20 INOX PREMIUM Created on May 13, 2024 at 3:31:15 AM UTC

	Technical characteristics		Metric
1.1	Manufacturer		Manitou
1.2	Model Name		EP 20 Inox Premium
1.3	Power source		Electrical
1.4	Operator type		Pedestrian
1.5	Max. capacity	Q	2000 kg
1.6	Load center of gravity	С	600 mm
1.8	Load distance, centre of drive axle to fork	x	954 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
	Wheels		
3.1	Tires type		Bandage
3.2	Dimensions of front wheels		230 x 70
3.3	Dimensions of rear wheels		82 x 68
3.4	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
0.7	Dimensions		000 1111
4.15	Fork height in low position	h13	85 mm
4.19	Overall length	l1	1750 mm
4.20	Length to face of forks	12	599 mm
4.20	Overall width	b1	680 mm
4.22	Forks section / width / length	s / e / l	45 mm x 175 mm x 1150 mm
4.25	Fork spread	b5	540 mm
4.32	Ground clearance at centre of wheelbase	m2	40 mm
4.32	Aisle width for 800 x 1200 pallet lengthways	Ast	2005 mm
4.34	Turning radius	Wa	1560 mm
4.33	Mast lift	h3	125 mm
4.4	Height tiller min.	h14	870 mm
4.9	Height tiller max.	h14	1330 mm
4.7	Performances		1330 1111
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)		0.02 m/s / 0.02 m/s
5.7	Gradeability (laden / unladen)		10 % / 25 %
5.10	Service brake		
5.10			Electro magnetic
5.11	Parking brake Engine		Handle Release
6.1			1.20 kW
6.2	Drive motor rating S2 60 min		1.20 kW
6.3	Lift motor rating at S3 15%		DIN 43535-B
	Battery according to DIN 43531/35/36 A, B, C		
6.4	Battery voltage / capacity		24 V / 180 Ah
6.5	Battery weight (+/- 5%)		180 kg
8.1	Miscellaneous		AC
	Type of drive control		
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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