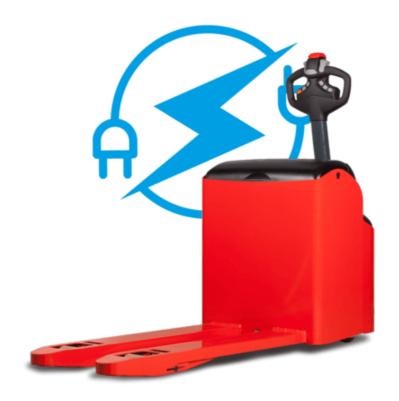
Technical sheet:

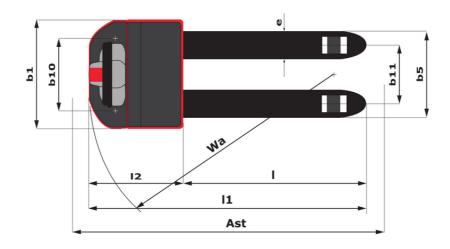
EP 18





	EP 18 Created on 6 May 2024 at 10:14:2		
	Technical characteristics		Metric
1.1	Manufacturer		Manitou
1.2	Model Name		EP 18
1.3	Power source		Electrical
1.4	Operator type		Pedestrian
1.5	Max. capacity	Q	1800 kg
1.6	Load center of gravity	c	600 mm
1.8	Load distance, centre of drive axle to fork	X	953 mm
1.9	Wheelbase	у	1372 mm
	Weight		
2.1	Service weight		480 kg
2.2	Weight on front axle (laden) / rear axle (laden)		1002 kg / 1278 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		336 kg / 144 kg
	Wheels		222.197.11.119
3.1	Tires type		Bandage
3.2	Dimensions of front wheels		230 x 75
3.3	Dimensions of rear wheels		2 x (82 x 100)
3.4	Additional wheels (dimensions)		2 x (100 x 40)
3.5.2	Number of drive wheels / front wheels / rear wheels		1x + 2 / 2
3.6	Front wheel gauge	b10	435 mm
3.7	Rear wheel gauge	b11	366 mm
3.7	Dimensions	DII	300 111111
4.15	Fork height in low position	h13	85 mm
4.13		11	1739 mm
4.19	Overall length	12	589 mm
4.20	Length to face of forks	b1	
	Overall width - Single wheels	b1	680 mm
4.21	Overall width		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	35 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	1939 mm
4.35	Turning radius	Wa	1544 mm
4.4	Mast lift	h3	125 mm
4.9	Height tiller up max.* / max.	h14 / h14	1336 mm / 1336 mm
	Performances		
5.1	Travel speed (laden / unladen)		5.80 km/h / 6 km/h
5.2	Lifting speed (laden / unladen)		0.03 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		Traction
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		< 70 dB

EP 18 - Dimensional drawing







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