Technical sheet :

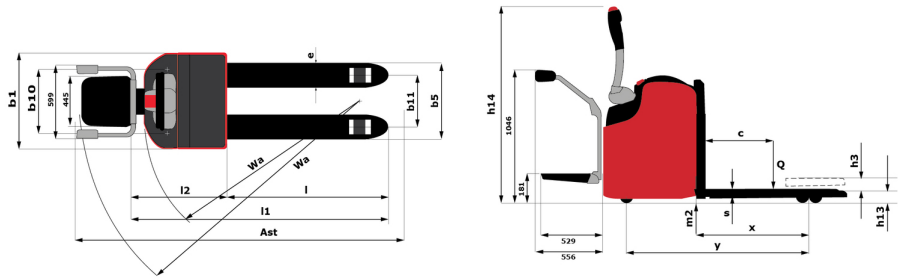
EP 22 PFR 6



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	Technical characteristics		Metric	Imperial
1.1	Manufacturer		Manitou	Manitou
1.2	Model Name		EP 22 PFR 6	EP 22 PFR 6
1.3	Power source		Electrical	Electrical
1.4	Operator type		Scope	Scope
1.5	Max. capacity	Q	2200 kg	4850 lb
1.6	Load center of gravity	c	600 mm	24 in
1.8	Load distance, centre of drive axle to fork	x	894 mm	35 in
1.9	Wheelbase	y	1496 mm	59 in
	Weight			
2.1	Service weight		601 kg	1325 lb
2.2	Weight on front axle (laden) / rear axle (laden)		1239 kg / 1571 kg	2732 lb / 3463 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		415 kg / 195 kg	915 lb / 430 lb
	Wheels			
3.1	Tires type		Bandage	Bandage
3.2	Dimensions of front wheels		1 x (230 x 75)	1 x (230 x 75)
3.3	Dimensions of rear wheels		4 x (82 x 68)	4 x (82 x 68)
3.4	Additional wheels (dimensions)		2 x (120 x 50)	2 x (120 x 50)
3.5.2	Number of drive wheels / front wheels / rear wheels		1x + 3 / 4	1x + 3 / 4
3.6	Front wheel gauge	b10	435 mm	17 in
3.7	Rear wheel gauge	b11	365 mm	14 in
	Dimensions			
4.15	Fork height in low position	h13	85 mm	3 in
4.19	Overall length	l1	1855 mm	73 in
4.20	Length to face of forks	l2	705 mm	28 in
4.21	Overall width - Single wheels	b1	688 mm	27 in
4.21	Overall width	b1	688 mm	27 in
4.22	Forks section / width / length	s / e / l	45 mm x 175 mm x 1150 mm	2 in x 7 in x 45 in
4.25	Fork spread	b5	540 mm	21 in
4.32	Ground clearance at centre of wheelbase	m2	40 mm	2 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2250 mm	89 in
4.35	Turning radius	Wa	1805 mm	71 in
4.4	Mast lift	h3	125 mm	5 in
4.9	Height tiller min.	h14	1024 mm	40 in
4.9	Height tiller max.	h14	1276 mm	50 in
	Performances			
5.1	Travel speed (laden / unladen)		5.60 km/h / 6 km/h	3 mph / 4 mph
5.2	Lifting speed (laden / unladen)		0.02 m/s / 0.03 m/s	0.10 ft/s / 0.12 ft/s
5.3	Lowering speed (laden / unladen)		0.05 m/s / 0.04 m/s	0.16 ft/s / 0.15 ft/s
5.7	Gradeability (laden / unladen)		10 % / 20 %	10 % / 20 %
5.10	Service brake		Electro magnetic	Electro magnetic
5.11	Parking brake		Handle Release	Handle Release
	Engine			
6.1	Drive motor rating S2 60 min		1.70 kW	1.70 kW
6.2	Lift motor rating at S3 15%		2 kW	2 kW
6.3	Battery according to DIN 43531/35/36 A, B, C		Traction	Traction
6.4	Battery voltage / capacity		24 V / 270 Ah	24 V / 270 Ah
6.5	Battery weight (+/- 5%)		245 kg	540 lb
	Miscellaneous			
8.1	Type of drive control		AC	AC
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 65 dB	< 65 dB
	Vibration on hands/arms		2.50 m/s²	2.50 m/s²

EP 22 PFR 6 - Dimensional drawing



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