

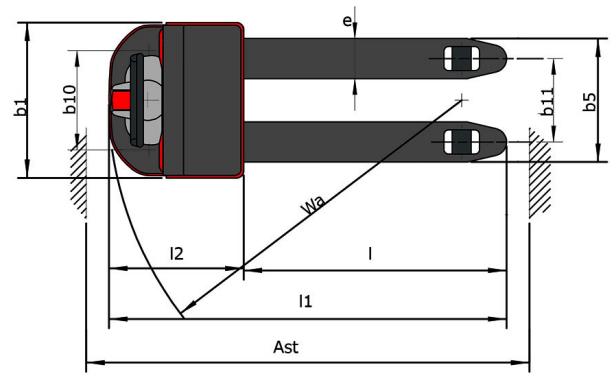
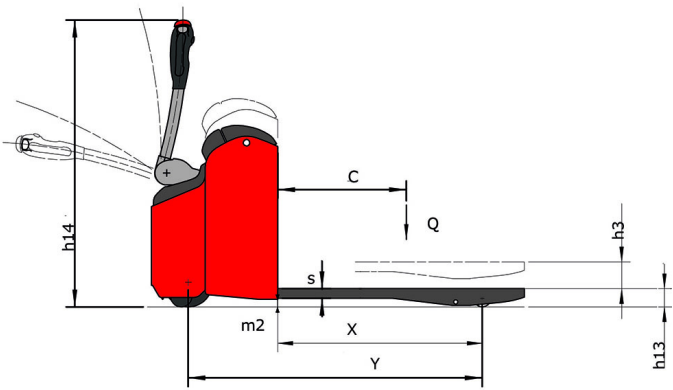
Technical sheet

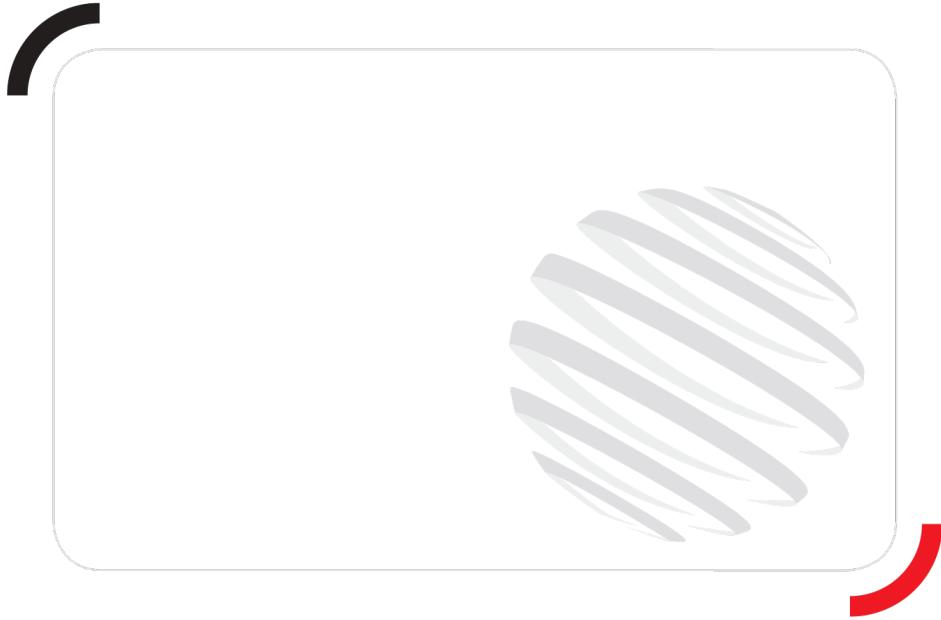
EP 16

Warehousing Equipment



	Technical characteristics	Metric
1.1	Manufacturer	Manitou
1.2	Model	EP 16
1.3	Type of traction	Electric
1.4	Type of operation	Stand Up
1.5	Q - Rated capacity	1600 kg
1.6	c - Center of gravity of load	600 mm
1.8	x - Distance from the load bearing surface to the centre of the front axle	964 mm
1.9	y - Wheelbase	1309 mm
Weight		
2.1	Weight of truck in working order	410 kg
2.2	Laden weight on front/rear axle	825 kg / 1185 kg
2.3	Unladen weight on front/rear axle	286 kg / 124 kg
Wheels		
3.1	Tyre equipment: bandage (V), PPS (SE), inflatable tyre (L)	mft_Polyurethane
3.2	Size of front wheels	Ø230 x 70 mm
3.3	Size of rear wheels	Ø0,082 x 0,082
3.4	Size of caster wheels	(Ø100 x 40 mm)
3.5	Number of front wheels (x)	3 / 4
3.6	b10 - Front track	435 mm
3.7	b11 - Rear track	366 mm
Dimensions		
4.2	h1 - Height (mast lowered)	1319.78 mm
4.15	h13 - Height of forks in down position	85 mm
4.19	l1 - Total length	1659 mm
4.20	l2 - Length to fork heel	509 mm
4.21	b1 - Overall width - Single/twin wheels	680 mm / -
4.22	e / s / l - Fork dimensions	1150 x 160 x 47
4.33	Ast - Aisle width for 1000 x 1200 pallet widthwise	1921 mm
4.35	Wa - Turning radius	1475 mm
4.36	b13 - Inner turning radius	1422 mm
Performances		
5.1	Speed of travel laden / unladen	5.80 km/h / 6 km/h
5.2	Lifting speed laden / unladen	0.03 m/s / 0.04 m/s
5.3	Lowering speed laden / unladen	0.05 m/s / 0.05 m/s
5.7	Maximum ramp laden / unladen	10 % / 25 %
5.10	Service brake	Electromagnetic
Engine		
6.3	Size of battery tray as per DIN 43531/35/36, A, B, C, no	BS
6.4	Battery voltage/capacity	24 V / 170 Ah
7.2	Useful power	1 kW
Miscellaneous		
8.4	Measured/guaranteed mean noise level at the ear of the operator	65 dB(A)





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