

Technical sheet :

# EP 16 EASY



Technical characteristics			Metric
1.1	Manufacturer		Manitou
1.2	Model Name		EP 16 Easy
1.3	Power source		Electrical - Lead
1.4	Operator type		Pedestrian
1.5	Max. capacity	Q	1600 kg
1.6	Load center of gravity	c	600 mm
1.8	Load distance, centre of drive axle to fork	x	980 mm
1.9	Wheelbase	y	1415 mm
Weight			
2.1	Service weight		493 kg
2.2	Weight on front axle (laden) / rear axle (laden)		755 kg / 1338 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		373 kg / 120 kg
Wheels			
3.1	Tires type		Polyurethane cushion
3.2	Dimensions of front wheels		250 x 80
3.3	Dimensions of rear wheels		85 x 70
3.4	Number of stabilizer wheels / Size of the stabilizer wheels		2 / 100 x 40
3.5.2	Number of drive wheels / front wheels / rear wheels		1 / 2 / 2
3.6	Front wheel gauge	b10	540 mm
3.7	Rear wheel gauge	b11	370 mm
Dimensions			
4.15	Fork height in low position	h13	85 mm
4.19	Overall length	l1	1770 mm
4.20	Length to face of forks	l2	620 mm
4.21	Overall width	b1	740 mm
4.22	Forks section / width / length	s / e / l	64 mm x 170 mm x 1150 mm
4.25	Forks spread	b5	540 mm
4.32	Ground clearance at centre of wheelbase	m2	20 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	1831 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2031 mm
4.35	Turning radius	Wa	1556 mm
4.4	Mast lifting height	h3	125 mm
4.9	Height tiller min.	h14	1020 mm
4.9	Height tiller max.	h14	1350 mm
Performances			
5.1	Travel speed (laden / unladen)		6 km/h / 6 km/h
5.2	Lifting speed (laden / unladen)		30 mm/s / 45 mm/s
5.3	Lowering speed (laden / unladen)		50 mm/s / 35 mm/s
5.7	Gradeability (laden / unladen)		8 % / 15 %
5.10	Service brake		Electro magnetic
5.11	Parking brake		Handle Release
Engine			
6.1	Drive motor rating S2 60 min		1.10 kW
6.2	Lift motor rating at S3 15%		0.80 kW
6.3	Battery according to DIN 43531/35/36 A, B, C		DIN 43535-B
6.4	Battery voltage / capacity		24 V / 160 Ah
6.6.1	Energy consumption according to DIN EN 16796		0.88 kWh/h
Miscellaneous			
8.4	Measured/guaranteed mean noise level at the ear of the operator		< 75 dB

EP 16 Easy - Dimensional drawing



## Equipment

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### Standard

Anti-crushing safety device

Emergency stop

Tortoise button

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