

Technical sheet :

ME 320 FOB



Technical characteristics			Metric		
1.1	Manufacturer				Manitou
1.2	Model Name				ME 320 FOB
1.3	Power source				Electrical
1.4	Operator type				Seated
1.5	Max. capacity	Q			2000 kg
1.6	Load center of gravity	c			500 mm
1.8	Load distance, centre of drive axle to fork	x			355 mm
1.9	Wheelbase	y			1465 mm
Weight					
2.1	Service weight				3470 kg
2.2	Weight on front axle (laden) / rear axle (laden)				4750 kg / 720 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)				1530 kg / 1940 kg
Wheels					
3.1	Tires type				Solid tires
3.2	Dimensions of front wheels				200/50-10
3.3	Dimensions of rear wheels				15x4,5-8
3.5	Number of front wheels / rear wheels				2 / 1
3.5.2	Number of drive wheels				2
3.6	Front wheel gauge	b10			910 mm
3.7	Rear wheel gauge	b11			175 mm
Dimensions					
4.7	Height of overhead guard (cabin)	h6			2040 mm
4.8	Seat height/stand height	h7			1000 mm
4.12	Height of towing bar (coupling height)	h10			500 mm
4.19	Overall length	l1			3076 mm
4.20	Length to face of forks	l2			2006 mm
4.21	Overall width	b1			1120 mm
4.22	Forks section / width / length	s / e / l			40 mm x 122 mm x 1070 mm
4.23	Fork carriage ISO 2328 (class/form) A/B				2A
4.24	Fork carriage width	b3			1000 mm
4.31	Ground clearance below mast	m1			100 mm
4.32	Ground clearance at centre of wheelbase	m2			110 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast			3346 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast			3470 mm
4.35	Turning radius	Wa			1660 mm
Performances					
5.1	Travel speed (laden / unladen)				15 km/h-15 km/h
5.2	Lifting speed (laden / unladen)				0.40 m/s-0.45 m/s
5.3	Lowering speed (laden / unladen)				0.47 m/s-0.42 m/s
5.5	Drawbar pull (Laden / Unladen)				900 daN / 930 daN
5.7	Gradeability (laden / unladen)				13 % / 15 %
5.10	Service brake				Oil bath
Engine					
6.1	Number of drive motor / Drive motor rating S2 60 min				2 / 4.50 kW
6.2	Lift motor rating at S3 15%				8.60 kW
6.3	Battery according to DIN 43531/35/36 A, B, C				DIN43531 A
6.4	Battery voltage / capacity				48 V / 690 Ah
6.6	Energy consumption according to VDI cycle (kWh/h)				4.70 kWh/h
Miscellaneous					
8.1	Type of drive control				Electronic
8.2	Working hydraulic pressure for attachments				180 bar
8.3	Oil flow rate for attachments				35 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator				< 70 dB
8.4	Sound level at the driver's ear according to DIN 12 053				70 dB

ME 320 FOB - Dimensional drawing





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