

Technical sheet :

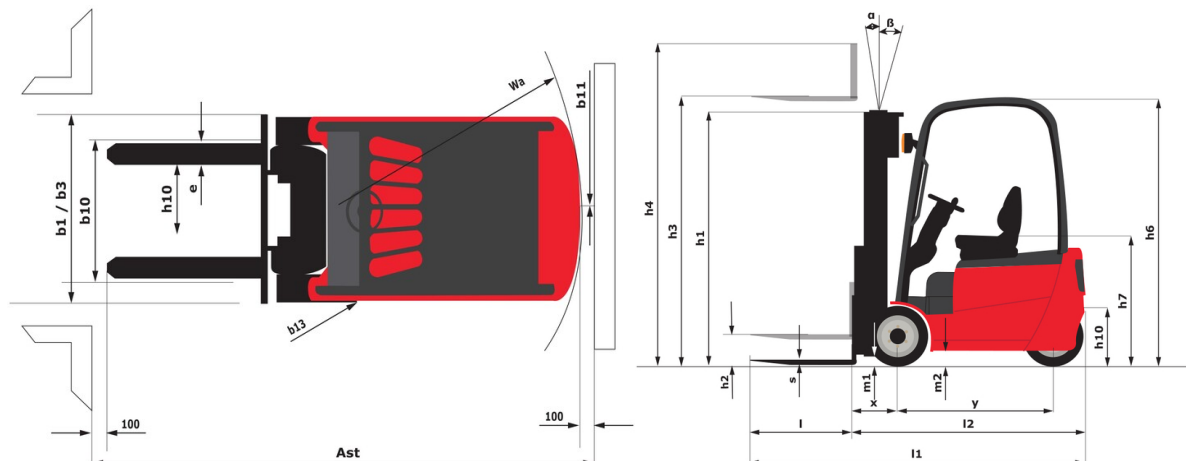
ME 315



 **MANITOU**
HANDLING YOUR WORLD

	Technical characteristics		Imperial
1.1	Manufacturer		Manitou
1.2	Model Name		ME 315
1.3	Power source		Electrical
1.4	Operator type		Sitting
1.5	Max. capacity	Q	3307 lb
1.6	Load center of gravity	c	20 in
1.8	Load distance, centre of drive axle to fork	x	14 in
1.9	Wheelbase	y	49 in
	Weight		
2.1	Service weight		6305 lb
2.2	Weight on front axle (laden) / rear axle (laden)		7937 lb / 1235 lb
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		2976 lb / 3329 lb
	Wheels		
3.1	Tires type		PPS
3.2	Dimensions of front wheels		18 x 7 - 8
3.3	Dimensions of rear wheels		15 x 4.5 - 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	36 in
3.7	Rear wheel gauge	b11	7 in
	Dimensions		
4.7	Height of overhead guard (cabin)	h6	80 in
4.8	Seat height/stand height	h7	39 in
4.12	Height of towing bar (coupling height)	h10	20 in
4.19	Overall length	l1	113 in
4.20	Length to face of forks	l2	70 in
4.21	Overall width	b1	43 in
4.22	Forks section / width / length	s / e / l	4 in x 45 in x 1 in
4.23	Fork carriage ISO 2328 (class/form) A/B		2A
4.24	Fork carriage width	b3	39 in
4.32	Ground clearance at centre of wheelbase	m2	4 in
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	124 in
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	128 in
4.35	Turning radius	Wa	57 in
4.36	Internal turning radius (over tyres)	b13	0 in
	Performances		
5.1	Travel speed (laden / unladen)		10 mph-10 mph
5.2	Lifting speed (laden / unladen)		1 ft/s-2 ft/s
5.3	Lowering speed (laden / unladen)		2 ft/s-1 ft/s
5.7	Gradeability (laden / unladen)		16 % / 18 %
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 / 460 Ah
6.6	Energy consumption		4.30 kWh
	Miscellaneous		
8.1	Type of drive control		Electronic
8.2	Working hydraulic pressure for attachments		2248 PSI
8.3	Oil flow rate for attachments		9 US gpm
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 315 - Dimensional drawing





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