Technical sheet :

## ME 425 LD LIFT

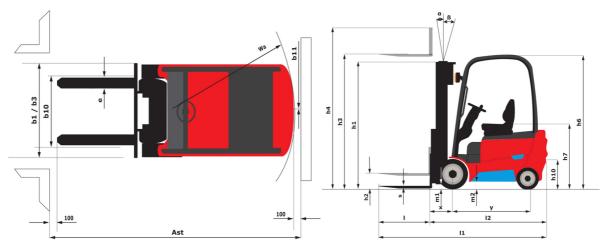




Manitou ME 425 LD LIFT Electrical Seated 2500 kg 500 mm 431 mm 1520 mm 3830 kg 5575 kg / 755 kg 1560 kg / 2270 kg Solid tires 23x9-10-18PR 18X7-8-14PR 2 2 1046 mm 960 mm 2186 mm 1155 mm 2450 mm 1404 mm 440 mm 3357 mm 2287 mm 1271 mm 40 mm x 122 mm 2A 1038 mm 115 mm 3670 mm 3866 mm 2035 mm 16 km/h-17 km/h 0.35 m/s-0.46 m/s 0.51 m/s-0.54 m/s 6000 daN / 6500 daN 10 % / 18 % Hydraulic 17 kW 23 kW No 76.80 V / 230 Ah 180 kg 5.80 kWh/h 160 bar 25 l/min 70 dB

			oreate
	Technical characteristics		
1.1	Manufacturer		
1.2	Model Name		
1.3	Power source		
1.4	Operator type		
1.5	Max. capacity	Q	
1.6	Load center of gravity	C	
1.8	Load distance, centre of drive axle to fork	X	
1.9	Wheelbase	у	
	Weight		
2.1	Service weight		
2.2	Weight on front axle (laden) / rear axle (laden)		
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		
	Wheels		
3.1	Tires type		
3.2	Dimensions of front wheels		
3.3	Dimensions of rear wheels		
3.5	Number of front wheels		
3.5.2	Number of drive wheels		
3.6	Front wheel gauge	b10	
3.7	Rear wheel gauge	b10	
5.7	Dimensions	511	
4.7	Height of overhead guard (cabin)	h6	
4.7	Seat height/stand height	h7	
4.2	Mast lowered height	h1	
4.2	Mast rowered neight	h2	
4.3	Height of towing bar (coupling height)	h10	
4.12	Overall length	11	
4.19	Length to face of forks	12	
4.20	Overall width	b1	
4.21			
4.22.1	Forks width / length	e / I	
	Fork carriage ISO 2328 (class/form) A/B	<b>L</b> 0	
4.24	Fork carriage width	b3	
4.32	Ground clearance at centre of wheelbase	m2	
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	
4.35	Tuming radius	Wa	
	Performances		
5.1	Travel speed (laden / unladen)		
5.2	Lifting speed (laden / unladen)		
5.3	Lowering speed (laden / unladen)		
5.5	Drawbar pull (Laden / Unladen)		
5.7	Gradeability (laden / unladen)		
5.10	Service brake		_
	Engine		
6.1	Drive motor rating S2 60 min		
6.2	Lift motor rating at \$3 15%		
6.3	Battery according to DIN 43531/35/36 A, B, C		
6.4	Battery voltage / capacity		
6.5	Battery weight (+/- 5%)		
6.6	Energy consumption according to VDI cycle (kWh/h)		
	Miscellaneous		
8.2	Working hydraulic pressure for attachments		
8.3	Oil flow rate for attachments		
8.4	Sound level at the driver's ear according to DIN 12 053		

## ME 425 LD LIFT - Dimensional drawing





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