Technical sheet :

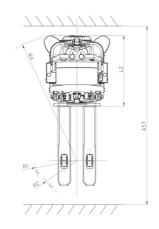
AMR ES 612

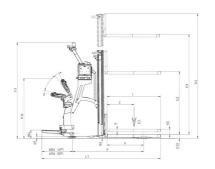




Technical characteristics		Metric	
Manufacturer		MANITOU	
Model Name		AMR ES612	
Power source		Electrical	
Operator type		Carried	
Max. capacity	Q	1200 kg	
Load center of gravity	С	600 mm	
Load distance, centre of drive axle to fork (low/raised) - Low position / Raised position	x / Q	696 mm / 736 mm	
Wheelbase	У	1457 mm	
Wheels			
Tires type		Polyurethane	
Number of front wheels / rear wheels		2 / 4	
Number of drive wheels		1	
Front wheel gauge	b10	531 mm	
Rear wheel gauge	b11	380 mm	
Dimensions			
Overall length	11	2160 mm	
Length to face of forks	12	1010 mm	
Overall width	b1	800 mm	
Forks section / width / length	s / e / l	60 mm / 185 mm / 1150 mm	
Fork carriage width	b3	700 mm	
Ground clearance at centre of wheelbase	m2	30 mm	
Aisle Width for pallets 1000 x 1200 crossways	Ast	2999 mm	
Turning radius	Wa	2143 mm	
Performances			
Travel speed (laden / unladen)		6 km/h / 6 km/h	
Lifting speed (laden / unladen)		0.18 m/s / 0.30 m/s	
Lowering speed (laden / unladen)		0.27 m/s / 0.22 m/s	
Max Gradeability (laden / unladen)		7 % / 10 %	
Service brake		Electro magnetic	
Engine			
Drive motor rating S2 60 min		1.50 kW	
Lift motor rating at S3 15%		3 kW	
Battery according to DIN 43531/35/36 A, B, C		DIN 43535-B	
Battery voltage / capacity		24 V / 270 Ah	
Battery max. capacity		375 A	
Battery weight (+/- 5%)		255 kg	
Battery max. weight		305 kg	
Miscellaneous			
Type of drive control		Variator	
Sound level at the driver's ear according to DIN 12 053		70 dB	

AMR ES 612 - Dimensional drawing





Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38	FVD 43
h1 - Mast lowered height	mm	1953	2203	2403	2653
h3 - Mast lifting height	mm	2936	3436	3836	4336
h4 - Mast extended height	mm	3390	3890	4290	4790
Residual capacity at max height	kg	1200	1050	800	650



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