Technical sheet :

AMR ES 612



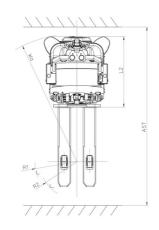


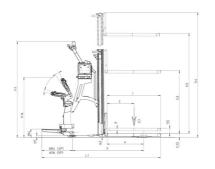
	Technical characteristics	
.1	Manufacturer	
.2	Model Name	
.3	Power source	
.4	Operator type	
.5	Max. capacity	Q
.6	Load center of gravity	С
8	Load distance, centre of drive axle to fork (low/raised) - Low position / Raised position	x / Q
)	Wheelbase	У
	Wheels	
1	Tires type	
5	Number of front wheels / rear wheels	
5.2	Number of drive wheels	
6	Front wheel gauge	b10
7	Rear wheel gauge	b11
	Dimensions	
19	Overall length	11
20	Length to face of forks	12
21	Overall width	b1
22	Forks section / width / length	s / e / l
24	Fork carriage width	b3
32	Ground clearance at centre of wheelbase	m2
33	Aisle Width for pallets 1000 x 1200 crossways	Ast
5	Turning radius	Wa
	Performances	
1	Travel speed (laden / unladen)	
2	Lifting speed (laden / unladen)	
3	Lowering speed (laden / unladen)	
.8	Max Gradeability (laden / unladen)	
0	Service brake	
	Engine	
1	Drive motor rating S2 60 min	
.2	Lift motor rating at S3 15%	
3	Battery according to DIN 43531/35/36 A, B, C	
4	Battery voltage / capacity	
l.1	Battery max. capacity	
.5	Battery weight (+/- 5%)	
5.1	Battery max. weight	
	Miscellaneous	
.1	Type of drive control	
.4	Sound level at the driver's ear according to DIN 12 053	

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	Metric
	MANITOU
	AMR ES612
	Electrical
	Carried
Q	1200 kg
c	600 mm
x / Q	696 mm / 736 mm
y	1457 mm
,	
	Polyurethane
	2/4
	1
b10	531 mm
b10	380 mm
DII	300 mm
1	2160 mm
12	1010 mm
b1	800 mm
s/e/l	60 mm / 185 mm / 1150 mm
b3	700 mm
m2	30 mm
Ast	2999 mm
Wa	2143 mm
	6 km/h / 6 km/h
	0.18 m/s / 0.30 m/s
	0.27 m/s / 0.22 m/s
	7 % / 10 %
	Electro magnetic
	1.50 kW
	3 kW
	DIN 43535-B
	24 V / 270 Ah
	375 A
	255 kg
	305 kg
	Variator
	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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