Technical sheet :

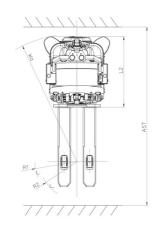
AMR ES 612

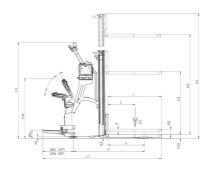




Technical characteristics1.1Manufacturer1.2Model Name1.3Power source1.4Operator type1.5Max. capacity1.6Load center of gravity1.7Wheelbase1.9Wheelbase1.10Wheelbase1.11Vine of drive wate to fork (low/raised) - Low position / Raised position1.11Tires type1.12Wheelbase1.13Number of front wheels / rear wheels1.14Overall length1.15Number of drive wheels1.16Load center of drive in the set of	Metric	
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22 Forks section / width / length s / e / l 2.4 Fork carriage width b3 3.2 Ground clearance at centre of wheelbase m2 3.3 Aisle Width for pallets 1000 x 1200 crossways Ast 3.3 Aisle Width for pallets 1000 x 1200 crossways X 3.3 Turning radius Wa Performances X 3.1 Travel speed (laden / unladen) X 3.2 Lowering speed (laden / unladen) X 3.3 Lowering speed (laden / unladen) X 3.3 Max Gradeability (laden / unladen) X 3.4 Engine X 3.5 Drive motor rating 32 60 min X 3.2 Lift motor rating 32 50 min X 3.3 Battery according to DIN 43531/35/36 A, B, C X 3.4 Battery voltage / capacity X	1010 mm	
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32 Ground clearance at centre of wheelbase m2 33 Aisle Width for pallets 1000 x 1200 crossways Ast 35 Turning radius Wa Performances Image: State Stat	60 mm / 185 mm / 1150 mm	
Aisle Width for pallets 1000 x 1200 crossways Ast Ast Wa Performances Image: Second Condent Co	700 mm	
35 Turning radius Wa Performances 1 5.1 Travel speed (laden / unladen) 1 5.2 Lifting speed (laden / unladen) 1 5.3 Lowering speed (laden / unladen) 1 5.4 Max Gradeability (laden / unladen) 1 5.8 Max Gradeability (laden / unladen) 1 5.8 Max Gradeability (laden / unladen) 1 5.8 Max Gradeability (laden / unladen) 1 5.1 Drive motor rating S2 60 min 1 5.2 Lift motor rating s2 60 min 1 5.3 Battery according to DIN 43531/35/36 A, B, C 1 5.4 Battery voltage / capacity 1	30 mm	
335 Tuming radius Wa Performances 1 5.1 Travel speed (laden / unladen) 1 5.2 Lifting speed (laden / unladen) 1 5.3 Lowering speed (laden / unladen) 1 5.4 Max Gradeability (laden / unladen) 1 5.5 Max Gradeability (laden / unladen) 1 5.6 Max Gradeability (laden / unladen) 1 5.7 Drive motor rating S2 60 min 1 5.6 Lift motor rating at S3 15% 1 5.3 Battery according to DIN 43531/35/36 A, B, C 1 5.4 Battery voltage / capacity 1	2999 mm	
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5.3 Lowering speed (laden / unladen) 5.8 Max Gradeability (laden / unladen) .10 Service brake Engine 10 5.1 Drive motor rating S2 60 min 5.2 Lift motor rating at S3 15% 5.3 Battery according to DIN 43531/35/36 A, B, C 5.4 Battery voltage / capacity	6 km/h / 6 km/h	
5.8 Max Gradeability (laden / unladen) .10 Service brake Engine Image: Comparison of the service of the	0.18 m/s / 0.30 m/s	
Service brake Engine 5.1 Drive motor rating \$2 60 min 5.2 Lift motor rating at \$3 15% 5.3 Battery according to DIN 43531/35/36 A, B, C 5.4 Battery voltage / capacity	0.27 m/s / 0.22 m/s	
Engine Engine 5.1 Drive motor rating \$2 60 min 5.2 Lift motor rating at \$3 15% 5.3 Battery according to DIN 43531/35/36 A, B, C 5.4 Battery voltage / capacity	7 % / 10 %	
b.1 Drive motor rating S2 60 min b.2 Lift motor rating at S3 15% b.3 Battery according to DIN 43531/35/36 A, B, C b.4 Battery voltage / capacity	Electro magnetic	
5.2 Lift motor rating at S3 15% 5.3 Battery according to DIN 43531/35/36 A, B, C 5.4 Battery voltage / capacity		
5.3 Battery according to DIN 43531/35/36 A, B, C 5.4 Battery voltage / capacity	1.50 kW	
.4 Battery voltage / capacity	3 kW	
	DIN 43535-B	
4.1 Battery max. capacity	24 V / 270 Ah	
	375 A	
5.5 Battery weight (+/- 5%)	255 kg	
5.1 Battery max. weight	305 kg	
Miscellaneous		

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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