Technical sheet :





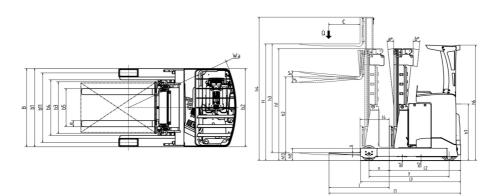
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	с
1.8	Load distance, centre of drive axle to fork	х
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
	Wheels	
3.1	Tires type	
3.5.2	Number of drive wheels - Size of drive wheels	
3.3	Number of load wheels - Size of load wheels	
3.5	Number of front wheels / rear wheels	
3.6	Front wheel gauge	b10
3.7	Rear wheel gauge	b10
0.7	Dimensions	511
4.8	Seat height/stand height	h7
4.19	Overall length	11
4.20	Length to face of forks	12
4.20	Overall width	b1
4.22	Forks section / width / length	s/e/l
4.22	Fork carriage ISO 2328 (class/form) A/B	5/8/1
4.25	Distance between wheel arms/loading surfaces	b4
4.20	Width over forks min. / max.	b4 b5
4.23.1	Ground clearance at centre of wheelbase	m2
4.32	Aisle width for 1000 x 1200 pallet lengthways	1112
4.33	Aisle width for 800 x 1200 pallet lengthways	Ast
4.34		
4.35	Turning radius	Wa h6
4.7	Height of overhead guard (cabin)	no
5.4	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.4.1	Reach speed (with load / without load)	
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%)	
	Miscellaneous	
8.1	Type of drive control	
8.3	Oil flow rate for attachments	
8.4	Sound level at the driver's ear according to DIN 12 053	

ER 12	Created on July 31, 2025 at 5:54 PM UTC							
	Metric							
	Manitou							
	ER 12							
	Electrical							
	Seated							
	1200 kg							
	600 mm							
	335 mm							
	1378 mm							
	2580 kg							
	Vulkollan							
	1 x 355 x 155							
	2 x 220 x 85							
	1 / 2							
	0 mm							
_	995 mm							
	1077 mm							
	2413 mm							
	1263 mm							
	1120 mm							
	40 mm x 100 mm / 1150 mm							
	2A							
	900 mm							
	316 mm / 697 mm							
	70 mm							

12.30 km/h / 12.50 km/h 0.50 m/s / 0.65 m/s 0.58 m/s / 0.55 m/s 0.20 m/s / 0.20 m/s 7.50 % / 11.10 % Electric 5.90 kW 11 kW DIN43531 B 48 V / 310 Ah 730 kg Electronic 25 l/min 57.40 dB

2694 mm 2751 mm 1598 mm 2205 mm

ER 12 - Dimensional drawing



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)	FLT 48	FLT 54	FLT 57	FLT 63	FLT 68	
α - Mast/fork carriage tilt, forward °		3	3	3	3	3
β - Mast/fork carriage tilt, backward	۰	1	1	1	1	1
h1 - Mast lowered height	mm	2140	2340	2440	2640	2790
h2 - Mast free lift	mm	1600	1800	1900	2100	2250
h3 - Mast lifting height	mm	4800	5400	5700	6300	6800
h4 - Mast extended height	mm	5380	5980	6280	6880	7330
Residual capacity with integrated side shift at max heigth	kg	1200	1200	1200	1000	700



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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