Technical sheet :



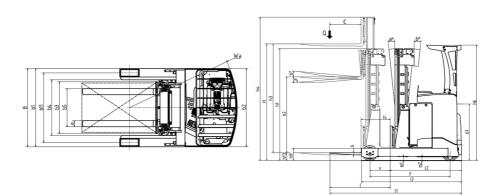


	Technical characteristics	
	Manufacturer	
	Model Name	
	Power source	
	Operator type	
	Max. capacity	
	Load center of gravity	
	Load distance, centre of drive axle to fork	
	Wheelbase	
	Weight	
	Service weight	
	Wheels	
	Tires type	
2	Number of drive wheels - Size of drive wheels	
-	Number of load wheels - Size of load wheels	
	Number of front wheels / rear wheels	
	Front wheel gauge	
	Rear wheel gauge	
	Dimensions	
	Seat height/stand height	
9	Overall length	
5 D	Length to face of forks	
1	Overall width	
22	Forks section / width / length	
3	Fork carriage ISO 2328 (class/form) A/B	
26	Distance between wheel arms/loading surfaces	
5.1	Width over forks min. / max.	
	Ground clearance at centre of wheelbase	
32 33		
3 4	Aisle width for 1000 x 1200 pallet lengthways	
	Aisle width for 800 x 1200 pallet lengthways	
85 7	Turning radius	
	Height of overhead guard (cabin)	
	Performances	
1	Travel speed (laden / unladen)	
<u>/</u> }	Lifting speed (laden / unladen)	
	Lowering speed (laden / unladen)	
.1	Reach speed (with load / without load)	
7 0	Gradeability (laden / unladen)	
J	Service brake	
	Engine	
	Drive motor rating S2 60 min	
	Lift motor rating at \$3 15%	
3	Battery according to DIN 43531/35/36 A, B, C	
4	Battery voltage / capacity	
5	Battery weight (+/- 5%)	
	Miscellaneous	
1	Type of drive control	
3	Oil flow rate for attachments	
4	Sound level at the driver's ear according to DIN 12 053	

ER 12 Created on August 30,	, 2025 at 9:47 PM UTC
-----------------------------	-----------------------

	Metric
	Manitou
	ER 12
	Electrical - Lead
	Seated
Q	1200 kg
с	600 mm
х	335 mm
у	1378 mm
	2580 kg
	Vulkollan
	1 x 355 x 155
	2 x 220 x 85
	1/2
10	0 mm
11	995 mm
ı7	1077 mm
1	2413 mm
2	1263 mm
01	1120 mm
e/l	40 mm x 100 mm / 1150 mm
	2A
04	900 mm
5	316 mm / 697 mm
n2	70 mm
	2694 mm
st	2751 mm
Va	1598 mm
16	2205 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

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		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 m		5380	5980	6280	6880	7330
Residual capacity with integrated side shift at kg max heigth		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



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes