Technical sheet :



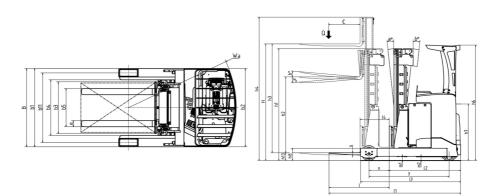


	Technical characteristics
1.1	Manufacturer
1.2	Model Name
3	Power source
.4	Operator type
.5	Max. capacity
.6	Load center of gravity
.8	Load distance, centre of drive axle to fork
.9	Wheelbase
	Weight
1	Service weight
	Wheels
	Tires type
2	Number of drive wheels - Size of drive wheels
3	Number of load wheels - Size of load wheels
5	Number of front wheels / rear wheels
6	Front wheel gauge
,	Rear wheel gauge
,	Dimensions
	Seat height/stand height
3 9	
)	Overall length Length to face of forks
	Overall width
21 22	Forks section / width / length
22	-
	Fork carriage ISO 2328 (class/form) A/B
26 5.1	Distance between wheel arms/loading surfaces
2	Width over forks min. / max.
	Ground clearance at centre of wheelbase
3	Aisle width for 1000 x 1200 pallet lengthways
34	Aisle width for 800 x 1200 pallet lengthways
35	Turning radius
7	Height of overhead guard (cabin)
	Performances
1	Travel speed (laden / unladen)
2	Lifting speed (laden / unladen)
3	Lowering speed (laden / unladen)
.1	Reach speed (with load / without load)
7	Gradeability (laden / unladen)
)	Service brake
	Engine
	Drive motor rating S2 60 min
	Lift motor rating at S3 15%
	Battery according to DIN 43531/35/36 A, B, C
4	Battery voltage / capacity
5	Battery weight (+/- 5%)
	Miscellaneous
1	Type of drive control
	Oil flow rate for attachments
Ļ	Sound level at the driver's ear according to DIN 12 053

Metric
MANITOU
ER 14
Electrical - Lead
Seated
1400 kg
600 mm
307 mm
1378 mm
2710 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
2701 mm
2768 mm
1598 mm
2205 mm
2200
12.30 km/h / 12.50 km/h
0.49 m/s / 0.65 m/s
0.59 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 / 465 Ah
48 V / 465 All 731 kg
/31 Ky
Electronic
Electronic
25 l/min
57.40 dB

ER 14 Created on August 30, 2025 at 7:45 PM UTC

ER 14 - Dimensional drawing



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)	FLT 48	FLT 54	FLT 57	FLT 63	FLT 68	FLT 73	
α - Mast/fork carriage tilt, forward		3	3	3	3	3	3
β - Mast/fork carriage tilt, backward	۰	1	1	1	1	1	1
h1 - Mast lowered height	mm	2140	2340	2440	2640	2790	2957
h2 - Mast free lift	mm	1600	1800	1900	2100	2250	2417
h3 - Mast lifting height	mm	4800	5400	5700	6300	6800	7300
h4 - Mast extended height	mm	5380	5980	6280	6880	7330	7830
Residual capacity with integrated side shift at max heigth	kg	1400	1400	1400	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