Technical sheet :



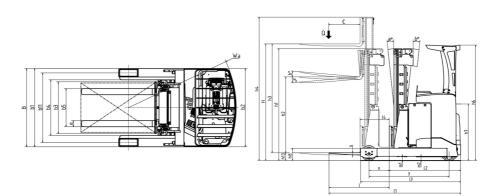


	Technical characteristics	
1	Manufacturer	
	Model Name	
	Power source	
	Operator type	
;	Max. capacity	
6	Load center of gravity	
.8	Load distance, centre of drive axle to fork	
9	Wheelbase	
	Weight	
1	Service weight	
	Wheels	
1	Tires type	
.2	Number of drive wheels - Size of drive wheels	
3	Number of load wheels - Size of load wheels	
5	Number of front wheels / rear wheels	
5	Front wheel gauge	
7	Rear wheel gauge	
	Dimensions	
в	Seat height/stand height	
19	Overall length	
20	Length to face of forks	
21	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.	
32	Ground clearance at centre of wheelbase	
33	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)	
5.2	Lifting speed (laden / unladen)	
.3	Lowering speed (laden / unladen)	
4.1	Reach speed (with load / without load)	
.7	Gradeability (laden / unladen)	
10	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	
.5	Battery weight (+/- 5%)	
	Miscellaneous	
.1	Type of drive control	
.1	Oil flow rate for attachments	
4	Sound level at the driver's ear according to DIN 12 053	
	outra rever at the universitial according to Driver 2 033	

-	
	Metric
	MANITOU
	ER 14
	Electrical - Lead
	Seated
	1400 kg
	600 mm
	307 mm
	1378 mm
	2710 kg
	27.0 Kg
	Vulkollan
	1 x 355 x 155
	2 x 220 x 85
	1/2
	0 mm
	995 mm
	1077 mm
	2413 mm
	1263 mm
	1203 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
	2203 1111
	12.30 km/h / 12.50 km/h
	0.49 m/s / 0.65 m/s
	0.49 m/s / 0.65 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
	731 kg
	/31 Ky
	Electronic
	25 I/min
	57.40 dB

ER 14 Created on August 30, 2025 at 5:56 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



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