Technical sheet :



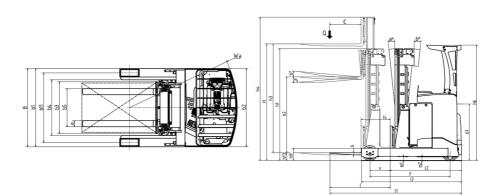


	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	х
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
	Wheels	
3.1	Tires type	
3.5.2	Number of drive wheels - Size 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	b1(
3.7	Rear wheel gauge	b1*
	Dimensions	
4.8	Seat height/stand height	h7
4.19	Overall length	11
4.20	Length to face of forks	12
4.21	Overall width	 b1
4.22	Forks section / width / length	s / e
4.23	Fork carriage ISO 2328 (class/form) A/B	0,0
4.26	Distance between wheel arms/loading surfaces	b4
4.25.1	Width over forks min. / max.	b5
4.32	Ground clearance at centre of wheelbase	m2
4.33	Aisle width for 1000 x 1200 pallet lengthways	
4.34	Aisle width for 800 x 1200 pallet lengthways	As
4.35	Turning radius	Wa
4.7	Height of overhead guard (cabin)	h6
4.7	Performances	iid
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	
0.10	Engine	
6.1	Drive motor rating S2 60 min	
6.2	Lift motor rating at S3 15%	
6.3	Battery according to DIN 43531/35/36 A, B, C	
6.4	Battery voltage / capacity	
6.5	Battery weight (+/- 5%)	
0.0	Miscellaneous	
8.1	Type of drive control	
8.1	Oil flow rate for attachments	
8.4	Sound level at the driver's ear according to DIN 12 053	
0.4	Sound level at the unversited according to DIN 12 035	

ER14 Created on July 3	, 2025 at 9:04 PM UTC
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	Metric
	MANITOU
	ER 14
	Electrical
	Seated
Ç	1400 kg
D	600 mm
ĸ	307 mm
y	1378 mm
	2710 kg
	Vulkollan
	1 x 355 x 155
	2 x 220 x 85
	1 / 2
10	0 mm
11	995 mm
7	1077 mm
1	2413 mm
2	1263 mm
1	1120 mm
e / I	40 mm x 100 mm / 1150 mm
	2A
4	900 mm
5	316 mm / 697 mm
12	70 mm
	2701 mm
st	2768 mm
la	1598 mm
6	2205 mm
	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
	5.0011//
	5.90 kW
	11 kW
	DIN43531 B
	48 V / 465 Ah
	731 kg
	Electronic
	25 l/min
	57.40 dB

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	



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