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	c
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	b11
	Dimensions	
4.7	Height of overhead guard (cabin)	h6
4.8	Seat height/stand height	h7
4.19	Overall length	1
4.20	Length to face of forks	12
4.21	Overall width	b1
4.22	Forks section / width / length	s/e/l
4.23	Fork carriage ISO 2328 (class/form) A/B	
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	Ast
4.35	Turning radius	Wa
	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 S3 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 14	Created o	n May	14,	2024 at	5:36:06	PM UTC
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	Metric
	MANITOU
	ER 14
	Electrical
	Seated
	1400 kg
	600 mm
	307 mm
	1378 mm
	2710 kg
	Vulkollan
	1 x 355 x 155
	2 x 220*85
	1 / 2
0	0 mm
1	995 mm
ò	2205 mm
,	1077 mm
	2413 mm
	1263 mm
	1120 mm
/1	40 mm x 100 mm / 1150 mm
	2A
	900 mm
5	316 mm / 697 mm 70 mm
2	2701 mm
	2768 mm
at a	1598 mm
	1370 11111
	12.30 km/h / 12.50 km/h
	0.37 m/s / 0.54 m/s
	0.58 m/s / 0.60 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
	Electronic
	25 l/min
	57.40 dB

## ER 14 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 32	FVD 36	FVD 38	FVD 42	FVD 45	FVD 48
Mast/fork carriage tilt, forward	۰	4	4	4	4	4	4
Mast/fork carriage tilt, backward	۰	1	1	1	1	1	1
h1 - Mast lowered height	mm	2170	2370	2470	2670	2820	2970
h2 - Mast free lift	mm	125	125	125	125	125	125
h3 - Mast lifting height	mm	3200	3600	3800	4200	4500	4800
h4 - Mast extended height	mm	3780	4180	4380	4780	5080	5380
Residual capacity with integrated side shift at max heigth	kg	1400	1400	1400	1400	1400	1400

Free Lift Triplex (FLT)		FLT 48	FLT 54	FLT 57	FLT 63	FLT 68	FLT 73
Mast/fork carriage tilt, forward	۰	3	3	3	3	3	3
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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