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	

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	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 n		5380	5980	6280	6880	7330
Residual capacity with integrated side shift at max heigth	kg	1200	1200	1200	1000	700



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