Technical sheet :



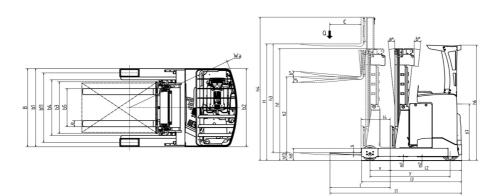


	Technical characteristics
.1	Manufacturer
.2	Model Name
	Power source
.4	Operator type
.5	Max. capacity
.6	Load center of gravity
.8	Load distance, centre of drive axle to fork
.9	Wheelbase
	Weight
.1	Service weight
	Wheels
.1	Tires type
.2	Number of drive wheels - Size of drive wheels
3	Number of load wheels - Size of load wheels
5	Number of front wheels / rear wheels
5	Front wheel gauge
.7	Rear wheel gauge
	Dimensions
.8	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
20	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
.34	Turning radius
.7	Height of overhead guard (cabin)
./	Performances
.1	Travel speed (laden / unladen)
.1	Lifting speed (laden / unladen)
.2	Lowering speed (laden / unladen)
.5 4.1	Reach speed (with load / without load)
.7	Gradeability (laden / unladen)
. <i>1</i> 10	Service brake
	Engine
1	Drive motor rating \$2.60 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%)
1	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

ER 12 Created on August 30, 2025 at 9:43 PM L	JTC
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Metric
Manitou
ER 12
Electrical - Lead
Seated
1200 kg
600 mm
335 mm
1378 mm
2580 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
2694 mm
2751 mm
1598 mm
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	۰	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	mm	5380	5980	6280	6880	7330
Residual capacity with integrated side shift at max heigth	kg	1200	1200	1200	1000	700



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