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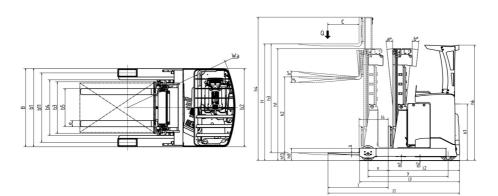


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5.10 Service brake Engine Image: Comparison of the stress of	5.7		
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6.2 Lift motor rating at S3 15% 6.3 Battery according to DIN 43531/35/36 A, B, C 6.4 Battery voltage / capacity 6.5 Battery weight (+/- 5%) Miscellaneous 8.1 Type of drive control 8.3 Oil flow rate for attachments	6.1		
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Miscellaneous 8.1 Type of drive control 8.3 Oil flow rate for attachments			
8.1 Type of drive control 8.3 Oil flow rate for attachments			
8.3 Oil flow rate for attachments	8.1		
		<i>"</i>	
	8.4	Sound level at the driver's ear according to DIN 12 053	

Metric							
Manitou							
ER 12							
Electrical							
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							
2205 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							
10.00 km/h / 10.50 km/h							
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 %							
7.50 % / 11.10 % Electric							
Electric							
5.90 kW							
11 kW							
DIN43531 B							
48 V / 310 Ah							
730 kg							
Electronic							
25 l/min							
57.40 dB							

ER 12 Created on April 5, 2025 at 5:18 AM UTC

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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