Technical sheet:

ER 12



Manufacture		Technical characteristics		Metric
1.1	1.1	Manufacturer		Manitou
1.5	1.2	Model Name		ER 12
1.5	1.3	Power source		Electrical
1.5 Lacad center of gravity c 6.00 mm 1.8 Load distance, centre of drive axie to fook x 307 mm 1.9 Wheebase y 1378 mm 2.1 Service weight	1.4	Operator type		Seated
1.8 Load center of gravity Carlo Gittance, centre of drive axile to fork X 3.90 mm X 3.97 mm X 3	1.5		Q	1200 kg
1.0 Wheelbase	1.6		С	600 mm
New Ne				
			٧	1378 mm
Service weight Wind Wind		Weight		
Vincel V	2.1	•		2580 kg
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3.5.2 Number of drive wheels - Size of drive wheels 1 x 255 x 155 3.3 Number of fload wheels - Size of load wheels 2 x 20°05 3.5 Number of float wheels / rear wheels 1 1 / 2 3.6 Front wheel gauge b10 0 mm 3.7 Bear wheel gauge b10 995 mm 4.7 Height of overhead gauge (acbin) h6 2205 mm 4.8 Sea heigh/Yatand height h7 1077 mm 4.9 Usergli length 11 2413 mm 4.20 Length to face of forks 12 1120 mm 4.21 Overall width b1 1120 mm 4.22 Forks section / width / length s / e/ I 40 mm x 100 mm / 1150 mm 4.22 Forks caraiges 1923 228 (class/fmm A/B s / e/ I 40 mm x 100 mm / 1150 mm 4.23 Fork caraiges 1923 228 (class/fmm A/B s / e/ I 40 mm x 100 mm / 1150 mm 4.24 Ork caraiges 1923 228 (class/fmm A/B s / e/ I 40 mm x 100 mm / 1150 mm 4.25 Gradu clarances act entert of wheelbase m2 70 mm	3.1			Vulkollan
3.3 Number of fond wheels - Size of load wheels 1 / 2 3.5 Number of front wheel aguage b10 0 mm 3.7 Bear wheel pauge b10 95 mm 4.7 Height of overhead guard (cabin) h6 2205 mm 4.8 Seat height/stand height h7 1077 mm 4.9 Overall length 11 2413 mm 4.0 Length to face of forks 12 1225 mm 4.21 Overall width b1 1120 mm 4.22 Fork section / width / length b1 1120 mm 4.21 Overall width b1 1120 mm 4.22 Fork camage ISO 2238 (class/form) A/B 2A 4 4.23 Fork camage ISO 2238 (class/form) A/B 2A 4 4.24 Distance between wheel amas/loading surfaces b4 900 mm 4.25 Fork camage ISO 2238 (class/form) A/B 2A 70 mm 4.25 Ground clearnee at centre of wheelbase m2 70 mm 4.25 Ground clearnee at centre of wheelbase m2 <td>3.5.2</td> <td></td> <td></td> <td>1 x 355 x 155</td>	3.5.2			1 x 355 x 155
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6.5 Battery weight (+/- 5%) 730 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	6.4	Battery voltage / capacity		48 V / 420 Ah
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8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min				
8.3 Oil flow rate for attachments 25 l/min	8.1			Electronic
		••		

ER 12 - 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	1200	1200	1200	1200	1200	1200

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