Technical sheet :



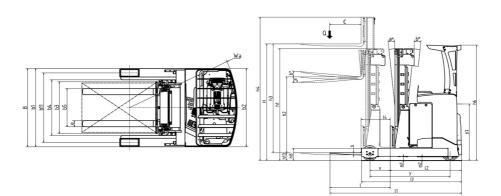


·		·
	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	(
1.6	Load center of gravity	(
1.8	Load distance, centre of drive axle to fork	)
1.9	Wheelbase	,
	Weight	
2.1	Service weight	
	Wheels	
3.1	Tires type	
3.5.2	Number of drive wheels - 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	bʻ
3.0	Rear wheel gauge	b
5.7	Dimensions	
4.8	Seat height/stand height	h
4.0	Overall length	1
4.19	Length to face of forks	1
4.20	Overall width	l. b
4.21		
	Forks section / width / length	s /
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.26	Distance between wheel arms/loading surfaces	b
4.25.1	Width over forks min. / max.	b
4.32	Ground clearance at centre of wheelbase	m
4.33	Aisle width for 1000 x 1200 pallet lengthways	
4.34	Aisle width for 800 x 1200 pallet lengthways	A
4.35	Turning radius	W
4.7	Height of overhead guard (cabin)	h
	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	12	Created on August 1, 2025 at 8.23 PM UTC
		Metric
		Manitou
		ER 12
		Electrical
		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
010		0 mm
o11		995 mm
h7		1077 mm
11		2413 mm
12		1263 mm
b1		1120 mm
e / I		40 mm x 100 mm / 1150 mm
		2A
b4		900 mm
b5		316 mm / 697 mm
m2		70 mm
		2694 mm
Ast		2751 mm
Wa		1598 mm
h6		2205 mm
		10.00 km /k / 10.50 km /k
		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

I



## 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	٥	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		1200	1200	1200	1000	700



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