Technical sheet :



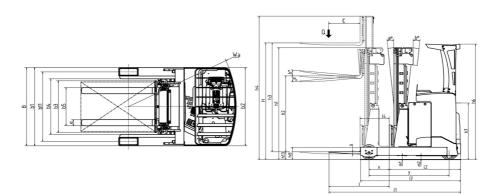


	Technical characteristics
.1	Manufacturer
.2	Model Name
	Power source
.4	Operator type
.5	Max. capacity
.6	Load center of gravity
.8	Load distance, centre of drive axle to fork
.9	Wheelbase
	Weight
.1	Service weight
	Wheels
.1	Tires type
.2	Number of drive wheels - Size of drive wheels
3	Number of load 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%
2 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

Manitou         ER 12         Electrical - Lead         Seated         1200 kg         600 mm         335 mm         1378 mm         2580 kg         Vulkollan         1 x 355 x 155         2 x 20 x 85         1 / 2         0 mm         995 mm         1077 mm         2413 mm         1263 mm         1200 mm         120 mm         120 mm         40 mm x 100 mm / 1150 mm         2A         900 mm         316 mm / 697 mm         2694 mm         2205 mm         12.30 km/h / 12.50 km/h         0.50 m/s / 0.65 m/s         0.200 fm/s / 0.20 m/s         12.30 km/h / 12.50 km/h         0.50 m/s / 0.20 m/s         112.00 ms         112.30 km/h / 12.50 km/h         0.50 m/s / 0.20 m/s         112.30 km/h / 12.50 km/h         0.50 m/s / 0.45 m/s         0.20 m/s / 0.20 m/s         112.30 km/h / 12.50 km/h         0.50 m/s / 0.20 m/s         0.20 m/s / 0.20 m/s         11 kW         DIN43531 B         <	ER 12 Electrical - Lead Seated 1200 kg 600 mm 335 mm 1378 mm 2580 kg Vulkollan Vulkollan 1 x 355 x 155 2 x 220 x 85 1 / 2 0 mm 995 mm 995 mm 1 / 2 0 mm 995 mm 300 mm 1077 mm 2413 nm 1263 nm 1120 mm 1263 nm 1120 mm 1263 mm 1120 mm 40 mm x 100 mm / 1150 mm 2A 900 mm 316 mm / 697 mm 70 mm 2694 mm 22694 mm 22694 mm 22694 mm 22694 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		Metric							
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DIN43531 B 48 V / 310 Ah 730 kg Electronic	DIN43531 B 48 V / 310 Ah 730 kg									
48 V / 310 Ah 730 kg Electronic	48 V / 310 Ah 730 kg									
730 kg Electronic	730 kg									
Electronic										
	Electronic		750 Kg							
	LIEGUUIIIG		Electronic							
	25 l/min									
	57.40 dB									
	57.40 00		57.40 00							

ER 12 Created on August 30, 2025 at 8:00 PM 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 °		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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