Technical sheet :



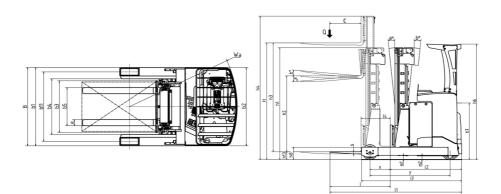


	Technical characteristics
	Manufacturer
	Model Name
	Power source
	Operator type
	Max. capacity
	Load center of gravity
	Load distance, centre of drive axle to fork
	Wheelbase
	Weight
	Service weight
	Wheels
	Tires type
	Number of drive wheels - Size of drive wheels
	Number of load wheels - Size of load wheels
	Number of front wheels / rear wheels
	Front wheel gauge
	Rear wheel gauge
	Dimensions
	Seat height/stand height
	Overall length
	Length to face of forks
	Overall width
	Forks section / width / length
	Fork carriage ISO 2328 (class/form) A/B
	Distance between wheel arms/loading surfaces
	Width over forks min. / max.
	Ground clearance at centre of wheelbase
	Aisle width for 1000 x 1200 pallet lengthways
	Aisle width for 800 x 1200 pallet lengthways
	Turning radius
	Height of overhead guard (cabin)
	Performances
	Travel speed (laden / unladen)
	Lifting speed (laden / unladen)
	Lowering speed (laden / unladen)
	Reach speed (with load / without load)
	Gradeability (laden / unladen)
_	Service brake
	Engine
	Drive motor rating S2 60 min
	Lift motor rating at S3 15%
	Battery according to DIN 43531/35/36 A, B, C
	Battery voltage / capacity
	Battery weight (+/- 5%)
	Miscellaneous
	Type of drive control
	Oil flow rate for attachments
	on now rate for attachments

ER 14 Created on July 31, 2025 at 4:32 PM UTC									
	Metric								
	MANITOU								
	ER 14								
	Electrical								
	0.1.1								

Seated 1400 kg 600 mm 307 mm 1378 mm 2710 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 1 40 mm x 100 mm / 1150 mm 2A 900 mm 316 mm / 697 mm 70 mm 2701 mm 2768 mm 1598 mm 2205 mm 12.30 km/h / 12.50 km/h 0.49 m/s / 0.65 m/s 0.59 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 / 465 Ah 731 kg Electronic 25 l/min 57.40 dB

ER 14 - Dimensional drawing



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 48	FLT 54	FLT 57	FLT 63	FLT 68	FLT 73
α - Mast/fork carriage tilt, forward °		3	3	3	3	3	3
β - Mast/fork carriage tilt, backward	۰	1	1	1	1	1	1
h1 - Mast lowered height	mm	2140	2340	2440	2640	2790	2957
h2 - Mast free lift	mm	1600	1800	1900	2100	2250	2417
h3 - Mast lifting height	mm	4800	5400	5700	6300	6800	7300
h4 - Mast extended height	mm	5380	5980	6280	6880	7330	7830
Residual capacity with integrated side shift at max heigth	kg	1400	1400	1400	1000	700	



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