Technical sheet :





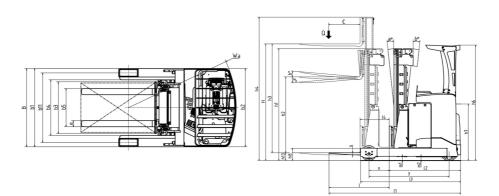
	Technical characteristics
	Manufacturer
	Model Name
	Power source
	Operator type
	Max. capacity
	Load center of gravity
	Load distance, centre of drive axle to fork
	Wheelbase
	Weight
	Service weight
	Wheels
	Tires type
	Number of drive wheels - Size of drive wheels
	Number of load wheels - Size of load 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

ER 16 Created on August 2, 2025 at 3:19 AM UTC									
	Metric								

EN	10	Cleated Off August 2, 2025 at 5.19 AW OTC
		Metric
		MANITOU
		ER 16
		Electrical
		Seated
Q		1600 kg
с		600 mm
х		439 mm
у		1448 mm
		3190 kg
		Vulkollan
		1 x 355 x 155
		2 x 282 x 105
		1 / 2
10		0 mm
11		1130 mm
זי		1077 mm
1		2379 mm
12		1229 mm
o1		1270 mm
e / I		40 mm x 100 mm / 1150 mm
		2A
54		912 mm
5		316 mm / 697 mm
n2		70 mm
		2689 mm
st		2728 mm
Va		1668 mm
16		2205 mm
		14.30 km/h / 14.50 km/h
		0.49 m/s / 0.80 m/s
		0.49 m/s / 0.48 m/s
		0.20 m/s / 0.20 m/s
		8.50 % / 11.10 %
		Electric
		7.20 kW
		7.20 kW
		15 kW
		DIN 43531 C 48 V / 465 Ah
		735 kg
		Electronic
		Electronic
		25 l/min 60.80 dB
		00.00 UB

ER 16 - Dimensional drawing

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Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 48	FLT 54	FLT 63	FLT 68	FLT 73	FLT 80	FLT 85	FLT 90
α - Mast/fork carriage tilt, forward °		3	3	3	3	3	3	3	3
β - Mast/fork carriage tilt, backward	۰	1	1	1	1	1	1	1	1
h1 - Mast lowered height	mm	2140	2340	2640	2790	2957	3190	3673	3823
h2 - Mast free lift	mm	1600	1800	1900	2100	2400	2650	3100	3200
h3 - Mast lifting height	mm	4800	5400	6300	6750	7250	7950	8450	8950
h4 - Mast extended height	mm	5380	5980	6880	7330	7830	8530	9080	9530
Residual capacity with integrated side shift at max heigth	kg	1600	1600	1400	1100				



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