Technical sheet :



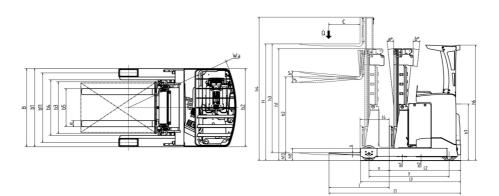


	Technical characteristics
	Manufacturer
	Model Name
	Power source
4	Operator type
5	Max. capacity
6	Load center of gravity
.8	Load distance, centre of drive axle to fork
9	Wheelbase
	Weight
1	Service weight
	Wheels
1	Tires type
2	Number of drive wheels - Size of drive wheels
3	Number of load wheels - Size of load wheels
5	Number of front wheels / rear wheels
	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
1	Width over forks min. / max.
2	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)
1	Reach speed (with load / without load)
,	Gradeability (laden / unladen)
)	Service brake
	Service brake
	Drive motor rating S2 60 min
	Lift motor rating at S3 15%
}	Battery according to DIN 43531/35/36 A, B, C
4 5	Battery voltage / capacity
)	Battery weight (+/- 5%)
	Miscellaneous
3	Type of drive control
	Oil flow rate for attachments
	Sound level at the driver's ear according to DIN 12 053

	Metric
	MANITOU
	ER 16
	Electrical - Lead
	Seated
	1600 kg
	600 mm
	439 mm
	1448 mm
	1448 11111
	0100 km
	3190 kg
	Quality
	Cushion
	1 x 355 x 155
	2 x 282 x 105
	1/2
	0 mm
_	1130 mm
	1077 mm
	2379 mm
	1229 mm
	1270 mm
	40 mm x 100 mm / 1150 mm
	2A
	912 mm
	316 mm / 697 mm
	70 mm
	2689 mm
	2728 mm
	1668 mm
	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
	15 kW
	DIN 43531 C
	48 V / 465 Ah
	735 kg
	Electronic
	25 l/min
	60.80 dB

ER 16 Created on September 17, 2025 at 12:26 AM UTC

ER 16 - Dimensional drawing



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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