Technical sheet :



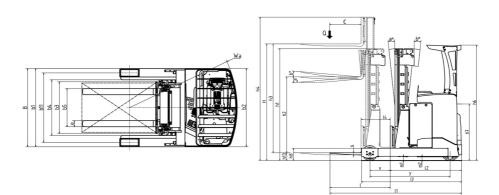


	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	(
1.6	Load center of gravity	C
1.8	Load distance, centre of drive axle to fork)
1.9	Wheelbase	3
	Weight	
2.1	Service weight	
	Wheels	
3.1	Tires type	
3.5.2	Number of drive wheels - Size 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
3.7	Rear wheel gauge	bʻ
	Dimensions	
4.8	Seat height/stand height	h
4.19	Overall length	
4.20	Length to face of forks	
4.21	Overall width	b
4.22	Forks section / width / length	s /
4.23	Fork carriage ISO 2328 (class/form) A/B	0,1
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	Tuming 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	
00	Engine	
6.1	Drive motor rating S2 60 min	
6.2	Lift motor rating at \$3 15%	
6.3	Battery according to DIN 43531/35/36 A, B, C	
6.4	Battery voltage / capacity	
6.5	Battery weight (+/- 5%)	
0.0	Miscellaneous	
8 1		
8.1 8.3	Type of drive control Oil flow rate for attachments	

ER 16 Created on September 16, 2025 at 10:21 PM UTC

	Metric
	MANITOU
	ER 16
	Electrical - Lead
	Seated
	1600 kg
	600 mm
	439 mm
	1448 mm
	3190 kg
	Cushion
	1 x 355 x 155
	2 x 282 x 105
	1 / 2
0	0 mm
1	1130 mm
7	1077 mm
	2379 mm
2	1229 mm
1	1270 mm
e/I	40 mm x 100 mm / 1150 mm
	2A
4	912 mm
5	316 mm / 697 mm
2	70 mm
	2689 mm
st	2728 mm
a	1668 mm 2205 mm
6	2203 11111
	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 - 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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