Technical sheet :

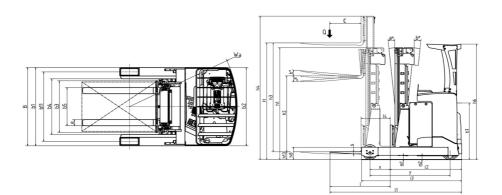




	Technical characteristics	
.1	Manufacturer	
.2	Model Name	
.3	Power source	
1.4	Operator type	
1.5	Max. capacity	
1.6	Load center of gravity	
1.8	Load distance, centre of drive axle to fork	
.9	Wheelbase	
	Weight	
2.1	Service weight	
	Wheels	
.1	Tires type	
5.2	Number of drive wheels - Size of drive wheels	
.3	Number of load wheels - Size of load wheels	
8.5	Number of front wheels / rear wheels	
.6	Front wheel gauge	
3.7	Rear wheel gauge	
	Dimensions	
4.7	Height of overhead guard (cabin)	
.8	Seat height/stand height	
.19	Overall length	
20	Length to face of forks	
21	Overall width	
22	Forks section / width / length	
23	Fork carriage ISO 2328 (class/form) A/B	
.26	Distance between wheel arms/loading surfaces	
25.1	Width over forks min. / max.	
32	Ground clearance at centre of wheelbase	
33	Aisle width for 1000 x 1200 pallet lengthways	
4	Aisle width for 800 x 1200 pallet lengthways	
15	Turning radius	
5	Performances	
	Travel speed (laden / unladen)	
1	Lifting speed (laden / unladen)	
.2	Lowering speed (laden / unladen)	
4.1	Reach speed (with load / without load)	
.7	Gradeability (laden / unladen)	
0	Service brake	
10	Engine	
.1	Drive motor rating \$2.60 min	
.2	Lift motor rating at S3 15%	
.3	Battery according to DIN 43531/35/36 A, B, C	
6.4	Battery voltage / capacity	
5.5	Battery weight (+/- 5%)	
	Miscellaneous	
B.1	Type of drive control	
.3	Oil flow rate for attachments	
.4	Sound level at the driver's ear according to DIN 12 053	

Metric
MANITOU
ER 16 HD
Electrical
Seated
1600 kg
600 mm
306 mm
1420 mm
4150 kg
Vulkollan
1 x 355 x 155
2 x 230*105
1 / 2
0 mm
1128 mm
2205 mm
1077 mm
2485 mm
1335 mm
1270 mm
40 mm x 100 mm / 1150 mm
2A
903 mm
316 mm / 697 mm
70 mm
2758 mm
2820 mm
1640 mm
14.30 km/h / 14.50 km/h
0.47 m/s / 0.67 m/s
0.52 m/s / 0.50 m/s
0.20 m/s / 0.20 m/s
15.20 % / 11 %
Electric
7.20 kW
15 kW
DIN 43531 C
48 V / 620 Ah
920 ka
920 kg
920 kg Electronic
Electronic

ER 16 HD - Dimensional drawing



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 64	FLT 71	FLT 76	FLT 81	FLT 85	FLT 90	FLT 96	FLT 102	FLT 109
Mast/fork carriage tilt, forward	۰	3	3	1	1	1	1	1	1	1
Mast/fork carriage tilt, backward	۰	1	1	1	1	1	1	1	1	1
h1 - Mast lowered height	mm	2957	3190	3357	3523	3673	3823	4040	4240	440
h2 - Mast free lift	mm	2400	2650	2800	2900	3100	3200	3500	3700	3900
h3 - Mast lifting height	mm	6350	7050	7550	8050	8500	8950	9600	10200	10800
h4 - Mast extended height	mm	6930	7630	8130	8630	9080	9530	10180	10780	11380
Residual capacity with integrated side shift at max heigth	kg	1600	1600	1400	1300	1150	1000	800		



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