Technical sheet :



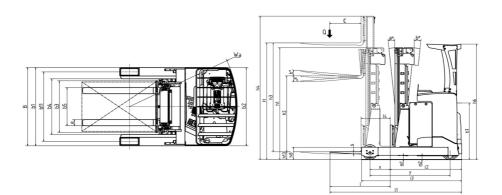


	Technical characteristics
1.1	Manufacturer
1.2	Model Name
1.3	Power source
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Load distance, centre of drive axle to fork
1.9	Wheelbase
	Weight
2.1	Service weight
	Wheels
3.1	Tires type
.5.2	Number of drive wheels - Size of drive wheels
3.3	Number of load wheels - Size of load wheels
3.5	Number of front wheels / rear wheels
3.6	Front wheel gauge
3.7	Rear wheel gauge
	Dimensions
4.7	Height of overhead guard (cabin)
4.8	Seat height/stand height
.19	Overall length
.20	Length to face of forks
4.21	Overall width
.22	Forks section / width / length
1.23	Fork carriage ISO 2328 (class/form) A/B
1.26	Distance between wheel arms/loading surfaces
25.1	Width over forks min. / max.
.32	Ground clearance at centre of wheelbase
.32	Aisle width for 1000 x 1200 pallet lengthways
.33	Aisle width for 800 x 1200 pallet lengthways
.34	Tuming radius
	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
	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	
8.1	Miscellaneous Type of drive control
0.1	Type of drive control
8.3	Oil flow rate for attachments

<b>ев 20 нд</b> Created	on May 6, 2024 at 12:02:51 AM UTC

20 H D	Cleated off May 0, 2024 at 12.02.31 AM OTC
	Metric
	MANITOU
	ER 20 HD
	Electrical
	Seated
Q	2000 kg
С	600 mm
x	416 mm
у	1530 mm
	4150 kg
	Vulkollan
	0 x 355 x 155
	2 x 285*105
	1/2
b10	0 mm
b11	1128 mm
h.(	0005
h6	2205 mm
h7  1	1077 mm 2485 mm
12	1335 mm
b1	1270 mm
/e/l	40 mm x 100 mm / 1150 mm
, e , i	2A
b4	903 mm
b5	316 mm / 697 mm
m2	70 mm
	2788 mm
Ast	2831 mm
Wa	1750 mm
	14.30 km/h / 14.50 km/h
	0.37 m/s / 0.63 m/s
	0.55 m/s / 0.43 m/s
	0.20 m/s / 0.20 m/s
	6.30 % / 9.40 %
	Electric
	7.20 kW
	15 kW
	DIN 43531 C
	48 V / 620 Ah
	920 kg
	Electronic
	25 l/min
	60.80 dB

## ER 20 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 114	FLT 115
		FLI 04	FLI / I	FLI 70	FLIOI	FLI 05	FLI 90	FLI 90	FLI 102	FLI II4	FLITIO
Mast/fork carriage tilt, forward	۰	1	1	1	1	1	1	1	1	1	1
Mast/fork carriage tilt, backward	٥	1	1	1	1	1	1	1	1	1	1
h1 - Mast lowered height	mm	2957	3190	3357	3523	3673	3823	4040	4240	4440	4673
h2 - Mast free lift	mm	2400	2650	2800	2980	3100	3283	3500	3700	3900	4100
h3 - Mast lifting height	mm	6350	7050	7550	8050	8500	8950	9600	10200	10800	11500
h4 - Mast extended height	mm	6930	7630	8130	8630	9080	9530	10180	10780	11380	12080
Residual capacity at max height	kg										600
Residual capacity with integrated side shift at max heigth	kg	1600	1600	1400	1300	1150	1000	800			



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