Technical sheet :



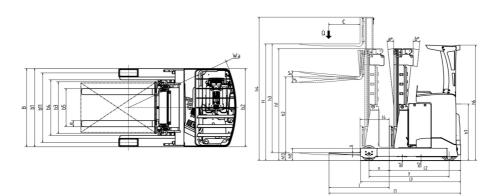


	Technical characteristics
	Manufacturer
	Model Name
	Power source
	Operator type
	Max. capacity
	Load center of gravity
	Load distance, centre of drive axle to fork
	Wheelbase
	Weight
	Service weight
	Wheels
	Tires type
2	Number of drive wheels - Size of drive wheels
2	Number of load wheels - Size of 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
3	Fork carriage ISO 2328 (class/form) A/B
5	Distance between wheel arms/loading surfaces
.1	Width over forks min. / max.
2	Ground clearance at centre of wheelbase
3	Aisle width for 1000 x 1200 pallet lengthways
Ļ	Aisle width for 800 x 1200 pallet lengthways
5	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
	On now rate for attachments

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	, ,
	Metric
	MANITOU
	ER 20
	Electrical
	Seated
Q	2000 kg
с	600 mm
х	441 mm
у	1530 mm
	3740 kg
	Vulkollan
	1 x 355 x 155
	2 x 285 x 105
	1 / 2
10	0 mm
11	1128 mm
זי	1077 mm
1	2460 mm
12	1310 mm
o1	1270 mm
e / I	40 mm x 100 mm / 1150 mm
	2A
04	903 mm
5	316 mm / 697 mm
n2	70 mm
	2770 mm
st	2808 mm
Va	1750 mm
16	2205 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
	6.90 % / 10.20 %
	Electric
	7.20 kW
	7.20 KW 15 kW
	DIN 43531 C
	48 V / 620 Ah
	48 V / 620 An 920 kg
	920 Kg
	Electronic
	25 I/min
	251/mm 60.80 dB
	00.00 UD

ER 20 - Dimensional drawing



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 48	FLT 54	FLT 57	FLT 63	FLT 68	FLT 73	FLT 80	FLT 85	FLT 90
α - Mast/fork carriage tilt, forward	٥	3	3	3	3	3	3	3	3	3
β - Mast/fork carriage tilt, backward	۰	1	1	1	1	1	1	1	1	1
h1 - Mast lowered height	mm	2140	2340	2640	2790	2957	3040	3190	3357	3523
h2 - Mast free lift	mm	16001	1800	1900	2100	2250	2400	2650	2800	2980
h3 - Mast lifting height	mm	4800	5400	5700	6300	6750	7250	7950	8450	8950
h4 - Mast extended height	mm	5380	5980	6880	7330	7830	8080	8530	9030	9530
Residual capacity with integrated side shift at max heigth	kg	2000	2000	2000	1850	1600				



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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