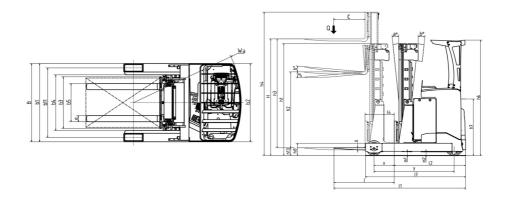
Technical sheet:

ER 20



1.9 Wheelbase Weight 2.1 Service weigh Wheels 3.1 Tires type 3.5.2 Number of dr 3.3 Number of lo	re wheels - Size of drive wheels d wheels - Size of load wheels nt wheels / rear wheels uge	Q c x y	MANITOU ER 20 Electrical - Lead Seated 2000 kg 600 mm 441 mm 1530 mm 3740 kg Polyurethane cushion 1 x 355 x 155
1.3 Power source 1.4 Operator type 1.5 Max. capacit 1.6 Load center of 1.8 Load distanc 1.9 Wheelbase Weight Weight 2.1 Service weight Wheels 3.1 3.5.2 Number of dr 3.3 Number of lo 3.5 Number of fr 3.6 Front wheel g 3.7 Rear wheel g	re wheels - Size of drive wheels d wheels - Size of load wheels nt wheels / rear wheels uge	C X	Electrical - Lead Seated 2000 kg 600 mm 441 mm 1530 mm 3740 kg
1.4 Operator type 1.5 Max. capacit 1.6 Load center of 1.8 Load distanc 1.9 Wheelbase Weight Service weight 2.1 Service weight Wheels 3.1 3.5.2 Number of dr 3.3 Number of fr 3.5 Number of fr 3.6 Front wheel g 3.7 Rear wheel g	re wheels - Size of drive wheels d wheels - Size of load wheels nt wheels / rear wheels uge	C X	Seated 2000 kg 600 mm 441 mm 1530 mm 3740 kg
1.5 Max. capacit 1.6 Load center of 1.8 Load distanc 1.9 Wheelbase Weight Service weight 2.1 Service weight Wheels 3.1 3.5.2 Number of dr 3.3 Number of lo 3.5 Number of fr 3.6 Front wheel g 3.7 Rear wheel g	re wheels - Size of drive wheels d wheels - Size of load wheels nt wheels / rear wheels uge	C X	2000 kg 600 mm 441 mm 1530 mm 3740 kg Polyurethane cushion
1.6 Load center of 1.8 Load distanc 1.9 Wheelbase Weight 2.1 Service weigh Wheels 3.1 3.5.2 Number of dr 3.3 Number of lo 3.5 Number of fr 3.6 Front wheel g 3.7 Rear wheel g	re wheels - Size of drive wheels d wheels - Size of load wheels nt wheels / rear wheels uge	C X	600 mm 441 mm 1530 mm 3740 kg Polyurethane cushion
1.8 Load distanc 1.9 Wheelbase Weight 2.1 2.1 Service weight Wheels 3.1 3.5.2 Number of dr 3.3 Number of lo 3.5 Number of fr 3.6 Front wheel g 3.7 Rear wheel g	re wheels - Size of drive wheels d wheels - Size of load wheels nt wheels / rear wheels uge	х	441 mm 1530 mm 3740 kg Polyurethane cushion
1.9 Wheelbase	re wheels - Size of drive wheels d wheels - Size of load wheels nt wheels / rear wheels uge		1530 mm 3740 kg Polyurethane cushion
Weight Service weight Wheels	re wheels - Size of drive wheels d wheels - Size of load wheels nt wheels / rear wheels uge	у	3740 kg Polyurethane cushion
2.1 Service weigh Wheels 3.1 Tires type 3.5.2 Number of dr 3.3 Number of fr 3.6 Front wheel g 3.7 Rear wheel g	re wheels - Size of drive wheels d wheels - Size of load wheels nt wheels / rear wheels uge		Polyurethane cushion
Wheels 3.1 Tires type 3.5.2 Number of dr 3.3 Number of lo 3.5 Number of fr 3.6 Front wheel g 3.7 Rear wheel g	re wheels - Size of drive wheels d wheels - Size of load wheels nt wheels / rear wheels uge		Polyurethane cushion
3.1 Tires type 3.5.2 Number of dr 3.3 Number of lo 3.5 Number of fr 3.6 Front wheel g 3.7 Rear wheel g	d wheels - Size of load wheels nt wheels / rear wheels uge		
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3.5.2 Number of dr 3.3 Number of lo 3.5 Number of fr 3.6 Front wheel g 3.7 Rear wheel g	d wheels - Size of load wheels nt wheels / rear wheels uge		
3.3 Number of Io 3.5 Number of fr 3.6 Front wheel g 3.7 Rear wheel g	d wheels - Size of load wheels nt wheels / rear wheels uge		
3.5 Number of fro 3.6 Front wheel g 3.7 Rear wheel ga	uge		2 x 285 x 105
3.6 Front wheel g 3.7 Rear wheel ga			1/2
3.7 Rear wheel ga		b10	0 mm
		b11	1128 mm
	<u> </u>		
4.8 Seat height/s	and height	h7	1077 mm
4.19 Overall length	j	l1	2460 mm
4.20 Length to fac	of forks	12	1310 mm
4.21 Overall width		b1	1270 mm
	/ width / length	s/e/I	40 mm x 100 mm / 1150 mm
	SO 2328 (class/form) A/B		2A
	een wheel arms/loading surfaces	b4	903 mm
	ss min. / max.	b5	316 mm / 697 mm
	nce at centre of wheelbase	m2	70 mm
	1000 x 1200 pallet lengthways		2770 mm
	800 x 1200 pallet lengthways	Ast	2808 mm
4.35 Turning radiu		Wa	1750 mm
	nead guard (cabin)	h6	2205 mm
Performances	icua guala (cabiii)		2200
	laden / unladen)		14.30 km/h / 14.50 km/h
	(laden / unladen)		0.37 m/s / 0.63 m/s
	d (laden / unladen)		0.55 m/s / 0.43 m/s
5 1	with load / without load)		0.20 m/s / 0.20 m/s
	aden / unladen)		6.90 % / 10.20 %
5.10 Service brake	den / dinaden/		Electric
Engine			Lieduid
	ing S2 60 min		7.20 kW
6.2 Lift motor rati			15 kW
	ng to DIN 43531/35/36 A, B, C		DIN 43531 C
6.4 Battery voltag	•		48 V / 620 Ah
6.5 Battery weigh			920 kg
Miscellaneou			920 kg
8.1 Type of drive			Electronic
	ontroi r attachments		25 l/min
	r attachments the driver's ear according to DIN 12 053		25 I/min 60.80 dB

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	•	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				





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