Technical sheet :

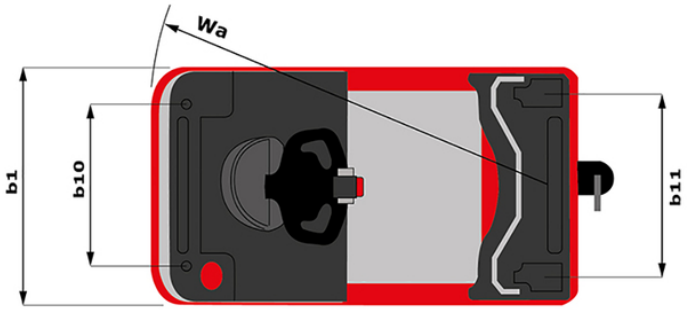
CT 50

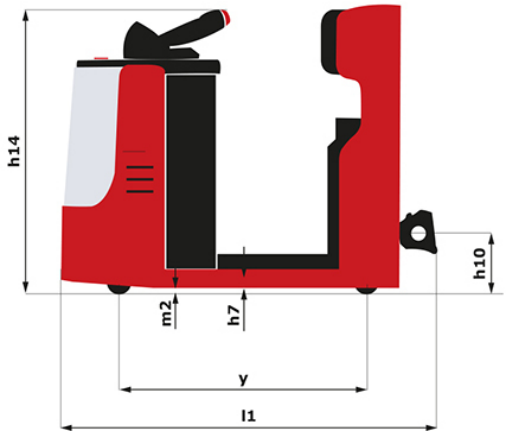


MANITOU
HANDLING YOUR WORLD

	Technical characteristics		Metric	Imperial
1.1	Manufacturer		Manitou	Manitou
1.2	Model Name		CT 50	CT 50
1.3	Power source		Electrical	Electrical
1.4	Operator type		Scope	Scope
1.5	Max. capacity	Q	5000 kg	11023 lb
1.7	Rated drawbar pull	F	150 kg	331 lb
1.9	Wheelbase	y	1109 mm	44 in
	Weight			
2.1	Service weight		1270 kg	2800 lb
2.3	Axle loading unladen (front / rear)		800 kg / 470 kg	1764 lb / 1036 lb
	Wheels			
3.1	Tires type		Bandage	Bandage
3.2	Dimensions of front wheels		254 x 100	254 x 100
3.3	Dimensions of rear wheels		250 x 75	250 x 75
3.4	Additional wheels (dimensions)		140 x 40	140 x 40
3.5	Number of front wheels / rear wheels		2 / 2	2 / 2
3.5.2	Drive wheels (front / rear)		1 / 0	1 / 0
3.6	Front wheel gauge	b10	581 mm	23 in
3.7	Rear wheel gauge	b11	633 mm	25 in
	Dimensions			
4.8	Platform height	h7	128 mm	5 in
4.9	Height tiller up max.*	h14	1212 mm	48 in
4.12	Height of towing bar (coupling height)	h10	220 mm	9 in
4.17	Coupling distance to rear axle	l5	255 mm	10 in
4.19	Overall length	l1	1551 mm	61 in
4.21	Overall width	b1	800 mm	31 in
4.32	Ground clearance at centre of wheelbase	m2	50 mm	2 in
4.35	Turning radius	Wa	1332 mm	52 in
	Performances			
5.1	Travel speed (laden / unladen)		8 km/h / 12 km/h	5 mph / 7 mph
5.8	Max Gradeability (laden / unladen)		4 % / 13 %	4 % / 13 %
5.10	Service brake		Electro magnetic	Electro magnetic
5.11	Parking brake		Butterfly switch release	Butterfly switch release
	Engine			
6.1	Drive motor rating S2 60 min		2 kW	2 kW
6.3	Battery according to DIN 43531/35/36 A, B, C		Traction	Traction
6.4	Battery voltage / capacity		24 V / 465 Ah	24 V / 465 Ah
6.5	Battery weight (+/- 5%)		460 kg	1014 lb
	Miscellaneous			
8.1	Type of drive control		Mosfet AC speed controller	Mosfet AC speed controller
8.4	Sound level at the driver's ear according to DIN 12 053		66 dB	66 dB

CT 50 - Dimensional drawing





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