



Technical datasheet TT1500-M-SR

M010



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TECHNICAL DATA TT1500-M-SR M010

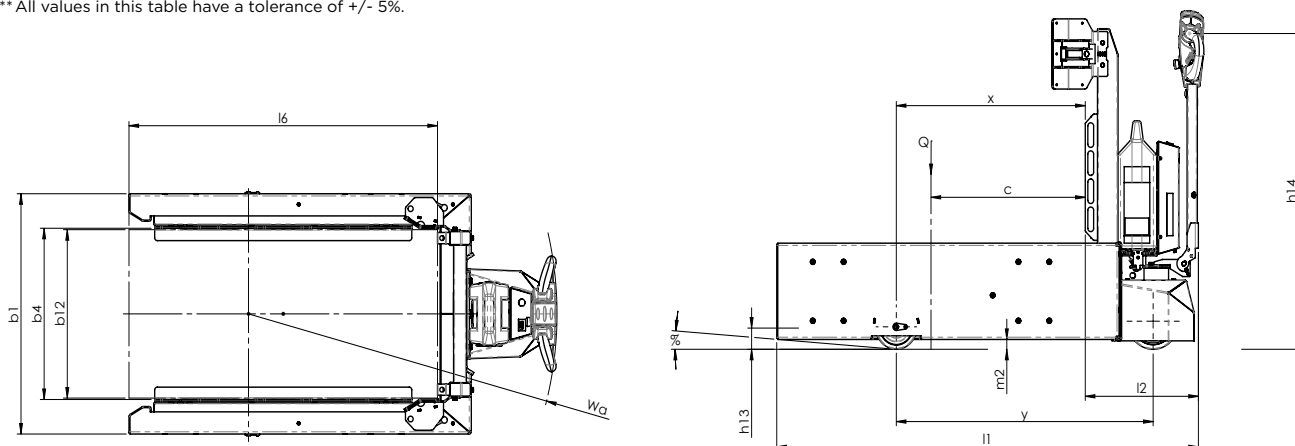
According to VDI 2198 in Metric units.

Characteristics	1.1	Manufacturer		Movexx International B.V.
	1.2	Manufacturer's type designation		TT1500-M-SR M010
	1.3	Drive		Electric with LiFePO ₄ battery
	1.4	Operator type		Pedestrian
	1.5*	Rated capacity/rated load	Q [t]	1.5
	1.6	Load centre distance	c [mm]	600
	1.8	Load distance, drive axle to lift face	x [mm]	735
	1.9	Wheelbase	y [mm]	999
	Wt	2.1	Weight incl. battery	kg
2.2		Axle load with load	front/rear kg	414/1337
2.3		Axle load, without load	front/rear kg	128/123
Tyres/Chassis	3.1	Tyres	front/rear	PU/PU
	3.3	Tyres size	rear	mm 200x70
	3.4	Auxiliary wheel size		mm 160x50
	3.5	Wheels, number (x = driven)	front/rear	x1/2
	3.6	Tread	front/rear	b ₁₀ /b ₁₁ [mm] -/785
	Dimensions	4.9	Tiller height min-max	min-max
4.15		Fork height, lowest/highest, (stroke)	min-max	h ₁₃ [mm] 11.5/81.5 (70)
4.19		Overall length		l ₁ [mm] 1640
4.20		Length to fork face		l ₂ [mm] 440
4.21		Overall width		b ₁ [mm] 868
4.22		Fork dimensions		s/e/l ₆ [mm] 308/98/1200
4.26		Distance between loading surfaces	open/closed	b ₄ [mm] (660-650)/(620-610)
4.32		Ground clearance		m ₂ [mm] 35
4.33		Load dimensions		b ₁₂ xl ₆ [mm] 610x1200
4.35		Turning radius		Wa [mm] 1200
Performance	5.1	Travel speeds forwards	with/without load	km/h 4/4.5
	5.1.1	Travel speed backwards	with/without load	km/h 2/3.5
	5.2	Lifting speed	with/without load	[mm/s] 8.6/10.6
	5.8	Maximum slope (5 min)	with/without load	% 0/7.5
	5.9	Acceleration	with/without load	s 12/10
	5.10	Service brake		Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 Min)	kW	0.7
	6.2	Lift motor output 20% Max.	4 min/16 min kW	0.3
	6.3	Battery acc. to DIN 43531		LiFePO ₄
	6.4	Battery voltage/nominal capacity	V/Ah	24/36
	6.5	Battery weight +/- 5%	kg	11.9
Other	8.1	Type of drive unit		DC
	10.7	Sound level at operator's ear	dB(A)	<74

* The maximum payload is affected by the type of slope, operating time and floor type. See the graphic below for an indication of the allowable slope to load ratio (depending on slope surface/wheel type/machine weight).

** The maximum drawbar load on the hook [N] is determined by the engine power of the machine but is affected by the type of wheels of the machine and of the towed trolley/load, the type of surface and the driveable weight of the machine.

*** All values in this table have a tolerance of +/- 5%.



TECHNICAL DATA TT1500-M-SR M010

According to VDI 2198 in Imperial units.

Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT1500-M-SR M010	
	1.3	Drive		Electric with LiFePO ₄ battery	
	1.4	Operator type		Pedestrian	
	1.5*	Rated capacity/rated load	Q [tn(US)]	1.7	
	1.6	Load centre distance	c [in]	23.5	
	1.8	Load distance, drive axle to lift face	x [in]	29	
	1.9	Wheelbase	y [in]	39	
	Wt	2.1	Weight incl. battery	lb	606
2.2		Axle load with load	front/rear	lb	913/2948
2.3		Axle load, without load	front/rear	lb	282/271
Tyres/Chassis	3.1	Tyres	front/rear	PU/PU	
	3.3	Tyres size	rear	in	7.9x2.8
	3.4	Auxiliary wheel size		in	6.3x2.0
	3.5	Wheels, number (x = driven)	front/rear		x1/2
	3.6	Tread	front/rear	b ₁₀ /b ₁₁ [in]	-/31
	Dimensions	4.9	Tiller height min-max	min-max	h ₁₄ [in]
4.15		Fork height, lowest/highest, (stroke)	min-max	h ₁₃ [in]	0.5/3.2 (2.8)
4.19		Overall length		l ₁ [in]	65
4.20		Length to fork face		l ₂ [in]	17.5
4.21		Overall width		b ₁ [in]	34.2
4.22		Fork dimensions		s/e/l ₆ [in]	12.2/3.9/47.2
4.26		Distance between loading surfaces	open/closed	b ₄ [in]	(26.0-25.5)/(24.5-24.0)
4.32		Ground clearance		m ₂ [in]	1.5
4.33		Load dimensions		b ₁₂ x l ₆ [in]	24.0x47.5
4.35		Turning radius		Wa [in]	47.5
Performance	5.1	Travel speeds forwards	with/without load	mph	2.5/2.80
	5.1.1	Travel speed backwards	with/without load	mph	1.2/2.2
	5.2	Lifting speed	with/without load	[in/s]	0.3/0.4
	5.8	Maximum slope (5 min)	with/without load	%	0/7.5
	5.9	Acceleration	with/without load	s	12/10
	5.10	Service brake			Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 min)		hp	0.9
	6.2	Lift motor output 20% max.	4 min/16 min	hp	0.4
	6.3	Battery acc. to DIN 43531			LiFePO ₄
	6.4	Battery voltage/nominal capacity			24/36
	6.5	Battery weight +/- 5%		lb	26
Other	8.1	Type of drive unit			DC
	10.7	Sound level at operator's ear		dB(A)	<74

* The maximum payload is affected by the type of slope, operating time and floor type. See the graphic below for an indication of the allowable slope to load ratio (depending on slope surface/wheel type/machine weight).

** The maximum drawbar load on the hook [lbf] is determined by the engine power of the machine but is affected by the type of wheels of the machine and of the towed trolley/load, the type of surface and the driveable weight of the machine.

*** All values in this table have a tolerance of +/- 5%.

