movexx

smart electric tugs

EN

Technical datasheet

TT1500-M-SR

M010

made in the Netherlands

» move your work easier

TECHNICAL DATA TT1500-M-SR M010

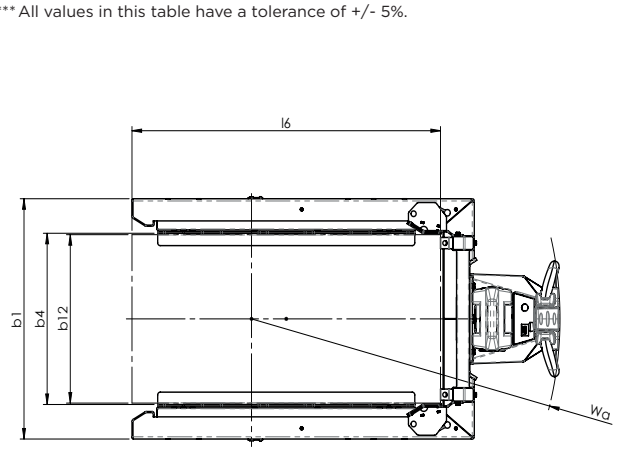
According to VDI 2198 in Metric units.

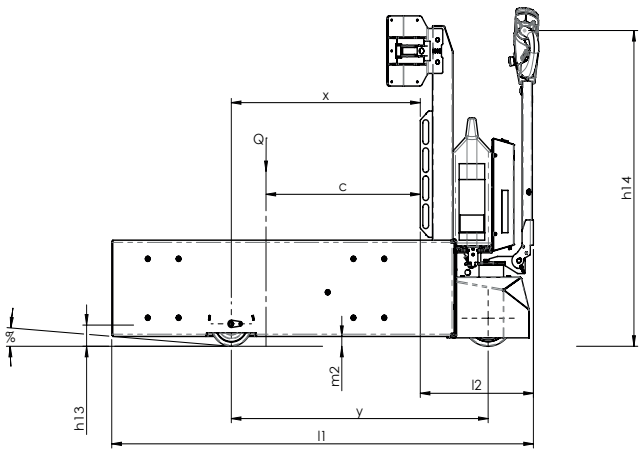
Characteristics	**1.1**	Manufacturer			Movexx International B.V.
	1.2	Manufacturer's type designation			TT1500-M-SR M010
	1.3	Drive			Electric with $LiFePO_4$ battery
	1.4	Operator type			Pedestrian
	1.5*	Rated capacity/rated load		Q [t]	1.5
	1.6	Load centre distance		c [mm]	600
	1.8	Load distance, drive axle to lift face		x [mm]	735
	1.9	Wheelbase		y [mm]	999
Wt	**2.1**	Weight incl. battery		kg	275
	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	h_{14} [mm]	800/1100
	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%.





All Images of products shown in this datasheet are indicative only. The actual products may differ from the displayed image. No rights can therefore be derived from the images shown.

TECHNICAL DATA TT1500-M-SR M010

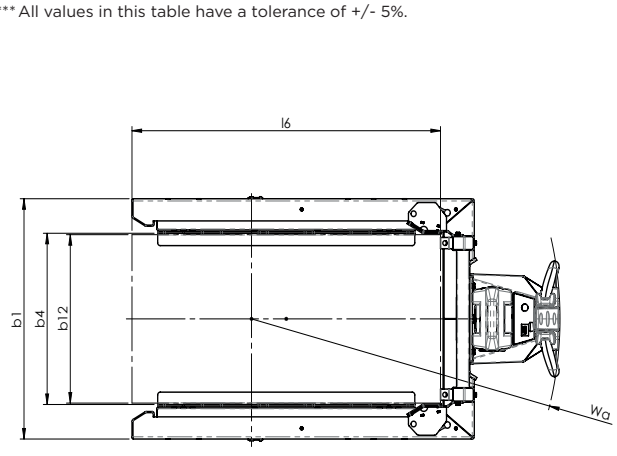
According to VDI 2198 in Imperial units.

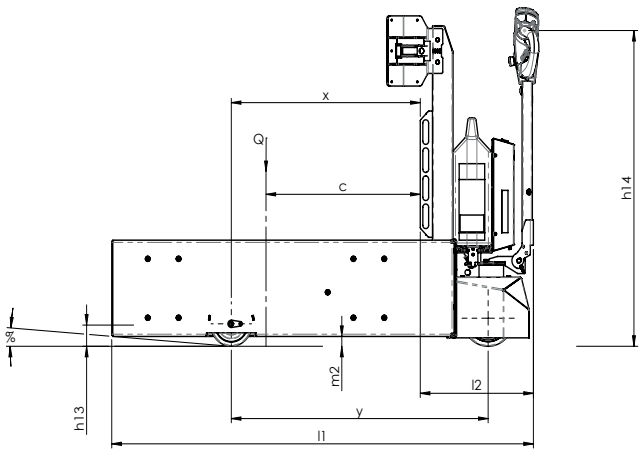
Characteristics	**1.1**	Manufacturer			Movexx International B.V.
	1.2	Manufacturer's type designation			TT1500-M-SR M010
	1.3	Drive			Electric with $LiFePO_4$ battery
	1.4	Operator type			Pedestrian
	1.5*	Rated capacity/rated load		Q [tn(US)]	1.7
	1.6	Load centre distance		c [in]	23.5
	1.8	Load distance, 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]	31.5/43.5
	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		$b_{12} \times l_6$ [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%.





All Images of products shown in this datasheet are indicative only. The actual products may differ from the displayed image. No rights can therefore be derived from the images shown.