

moveXX

smart electric tugs

EN



Technical datasheet

TT1000-L

M010



» move your work easier

TECHNICAL DATA TT1000-L M010

According to VDI 2198 in Metric units.

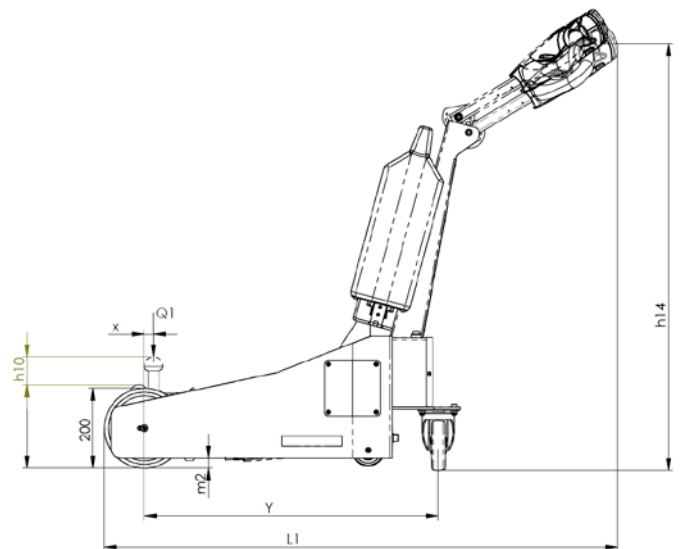
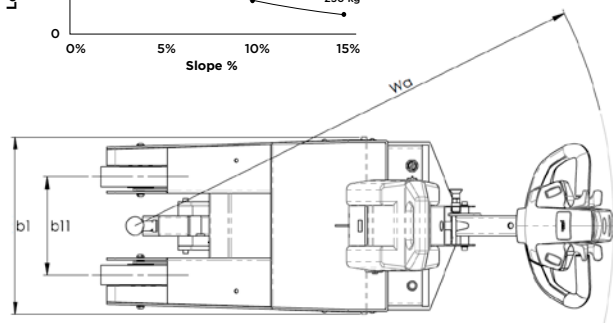
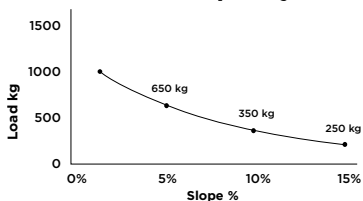
Character	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT1000-L M010	
	1.3	Drive		Electric with LiFePo ₄ battery	
	1.4	Operator type		Pedestrian	
	1.5*	Rated capacity	Q [t]	1	
	1.5.1	Rated load	Q1 [t]	0.5	
	1.7**	Rated drawbar pull	F [N]	431	
	1.8	Load distance, centre of drive axle to fork	x [mm]	23	
	1.9	Wheelbase	y [mm]	736	
Weights	2.1	Weight incl. battery	kg	98	
	2.2	Axle load with load	front/rear	kg	92/506
	2.3	Axle load without load	front/rear	kg	31/67
Tyres/Chassis	3.1	Tyres	front/rear	R/PU	
	3.2	Tyres size	front	mm	125x35
	3.3	Tyres size	rear	mm	200x50
	3.4	Auxiliary wheel size		mm	80x35
	3.5	Wheels, number (x = driven)	front/rear		1/x2
	3.6	Tread	front/rear	b ₁₀ /b ₁₁ [mm]	-/246
Dimensions	4.9	Tiller height	min./max.	h ₁₄ [mm]	960-1077-1159
	4.12	Tow coupling height		h ₁₀ [mm]	208-278
	4.19	Total length		l ₁ [mm]	1285
	4.21	Total width		b ₁ [mm]	444
	4.32	Ground clearance, center of wheel base		m ₂ [mm]	25
Performance	4.35	Turning radius		Wa [mm]	1200
	5.1	Travel speeds	with/without load	km/h	3.8/3.8
	5.1.1	Travel speed backwards	with/without load	km/h	3.8/3.8
	5.5**	Max drawbar pull (S2 = 60 min)	with/without load	N	431
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load	N	862
	5.8*	Maximum slope (5 min)	with/without load	%	0/15
	5.9	Acceleration	with/without load	s	7/6
5.10	Service brake			Electromagnetic	
Drive	6.1	Drive motor output (S2 = 60 min)		kW	0.3
	6.4	Battery voltage/rated capacity		V/Ah	24/20
	6.5	Battery weight +/- 5%		kg	8.5
Other	8.1	Drive control			DC
	10.7	Sound level at operator's ear		dB(A)	<65

* 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%.

Machine capacity



TECHNICAL DATA TT1000-L M010

According to VDI 2198 in Imperial units.

Character	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT1000-L M010	
	1.3	Drive		Electric with LiFePo ₄ battery	
	1.4	Operator type		Pedestrian	
	1.5*	Rated capacity	Q [tn(US)]	1.1	
	1.5.1	Rated load	Q1 [tn(US)]	0.6	
	1.7**	Rated drawbar pull	F [lbf]	97	
	1.8	Load distance, centre of drive axle to fork	x [in]	1	
	1.9	Wheelbase	y [in]	29	
Weights	2.1	Weight incl. battery	lb	216	
	2.2	Axle load with load	front/rear	lb	203/1116
	2.3	Axle load without load	front/rear	lb	68/148
Tyres/Chassis	3.1	Tyres	front/rear	R/PU	
	3.2	Tyres size	front	in	4.9x1.3
	3.3	Tyres size	rear	in	7.8x2
	3.4	Auxiliary wheel size		in	3.2x1.4
	3.5	Wheels, number (x = driven)	front/rear		1/x2
	3.6	Tread	front/rear	b ₁₀ /b ₁₁ [in]	9.5
Dimensions	4.9	Tiller height	min./max.	h ₁₄ [in]	38-42.5-45.5
	4.12	Tow coupling height		h ₁₀ [in]	8-11
	4.19	Total length		l ₁ [in]	50.5
	4.21	Total width		b ₁ [in]	17.5
	4.32	Ground clearance, center of wheel base		m ₂ [in]	1
Performance	4.35	Turning radius		Wa [in]	47
	5.1	Travel speeds	with/without load	mph	2.4/2.4
	5.1.1	Travel speed backwards	with/without load	mph	2.4/2.4
	5.5**	Max drawbar pull (S2 = 60 min)	with/without load	lbf	97
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load	lbf	194
	5.8*	Maximum slope (5 min)	with/without load	%	0/15
	5.9	Acceleration	with/without load	s	7/6
5.10	Service brake			Electromagnetic	
Drive	6.1	Drive motor output (S2 = 60 min)	hp	0.40	
	6.4	Battery voltage/rated capacity	V/Ah	24/20	
	6.5	Battery weight +/- 5%	lb	18.5	
Other	8.1	Drive control		DC	
	10.7	Sound level at operator's ear	dB(A)	<65	

* 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%.

Machine capacity

