

moveXX

smart electric tugs

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Technical datasheet

TT1000-T-Inox

M060



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TECHNICAL DATA TT1000-T-Inox M060

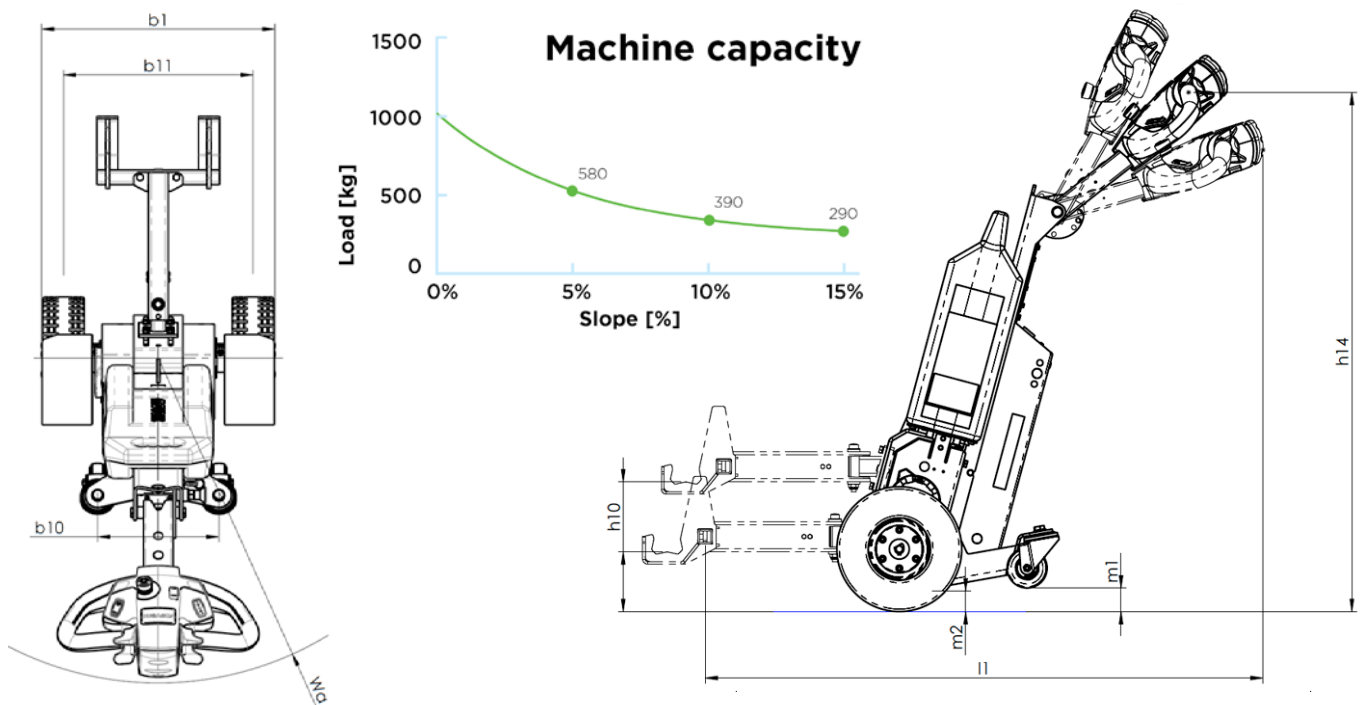
According to VDI 2198 in Metric units.

Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT1000-T-Inox M060	
	1.3	Drive		Electric with LiFePo ₄ battery	
	1.4	Operator type		Tilting	
	1.5*	Rated capacity/rated load	Q [t]	1	
	1.7**	Rated drawbar pull	F [N]	345	
Wt	2.1	Weight incl. battery	kg	55	
	2.3	Axle load with load	front/rear	kg	67
Tyres/Chassis	3.1	Tyres		Solid tyres/Non-marking	
	3.2	Tyres size	front	mm	250x84
	3.4	Auxiliary wheels size		mm	80
	3.5	Wheels, number (x = driven)	front/rear		-/x2
	3.6	Tread	front/rear	b ₁₀ /b ₁₁ [mm]	-/387
	Dimensions	4.9	Tiller height	min./max.	h ₁₄ [mm]
4.12		Tow coupling height		h ₁₀ [mm]	120-260
4.19		Total length		l ₁ [mm]	1117
4.21		Total width		b ₁ [mm]	476.6
4.31		Ground clearance, auxiliary wheel		m ₁ [mm]	47
4.32		Ground clearance, center of wheel base		m ₂ [mm]	41
4.35		Turning radius		Wa [mm]	665
Performance	5.1	Travel speeds	with/without load	km/h	4/4
	5.1.1	Travel speed backwards	with/without load	km/h	4/4
	5.5**	Max drawbar pull (S2 = 60 min)	with/without load	N	345
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load	N	690
	5.8*	Maximum slope (5 min)	with/without load	%	0/15
	5.9	Acceleration	with/without load	s	7/4
	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			Mechanical
	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%.



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TECHNICAL DATA TT1000-T-Inox M060

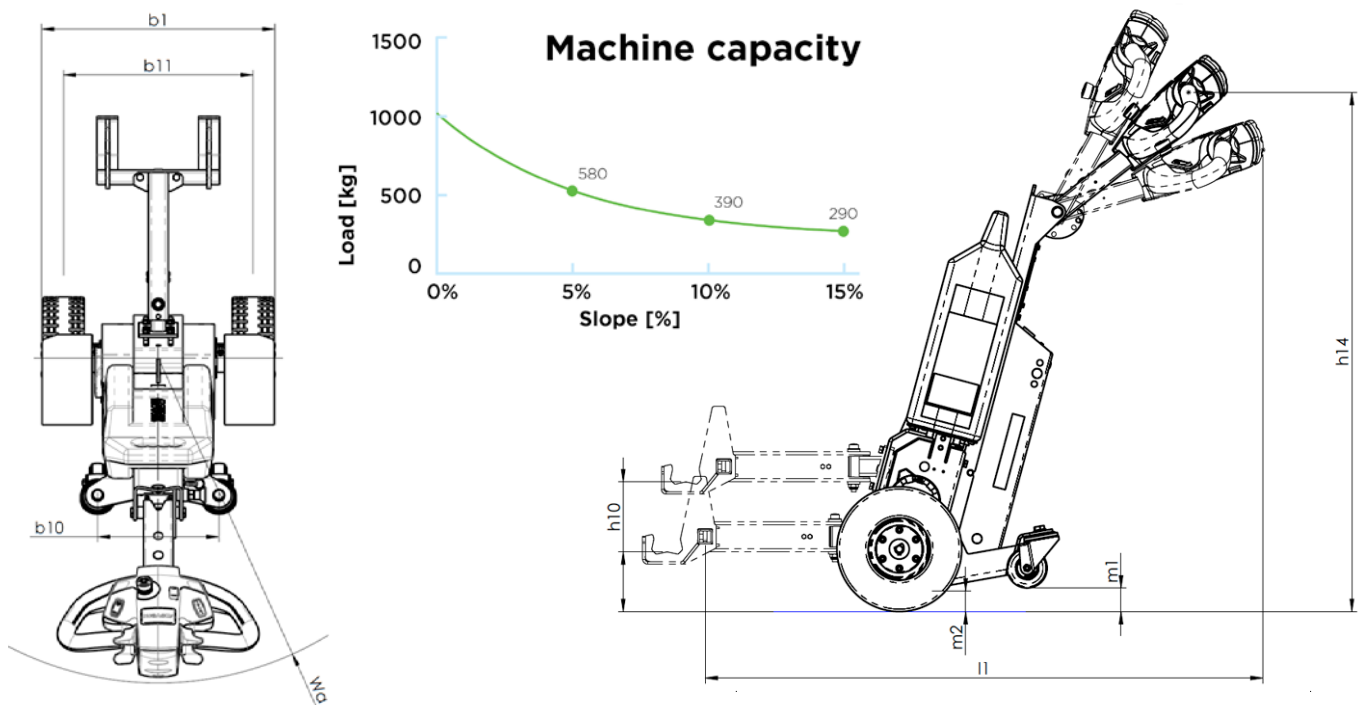
According to VDI 2198 in Imperial units.

Characteristics	1.1	Manufacturer		Movexx International B.V.
	1.2	Manufacturer's type designation		TT1000-T-Inox M060
	1.3	Drive		Electric with LiFePo ₄ battery
	1.4	Operator type		Tilting
	1.5*	Rated capacity/rated load	Q [tn(US)]	1.1
	1.7**	Rated drawbar pull	F [lbf]	78
Wt	2.1	Weight incl. battery	lb	121
	2.3	Axle load with load	front/rear	lb 148
Tyres/Chassis	3.1	Tyres		Solid tyres/Non-Marking
	3.2	Tyres size	front	in 9.8x3.3
	3.4	Auxiliary wheels size		in 3.2
	3.5	Wheels, number (x = driven)	front/rear	-/x2
	3.6	Tread	front/rear	b ₁₀ /b ₁₁ [in] -/15
	Dimensions	4.9	Tiller height	min./max.
4.12		Tow coupling height		h ₁₀ [in] 4.7-10.5
4.19		Total length		l ₁ [in] 44
4.21		Total width		b ₁ [in] 19
4.31		Ground clearance, auxiliary wheel		m ₁ [in] 1.9
4.32		Ground clearance, center of wheel base		m ₂ [in] 1.6
4.35		Turning radius		Wa [in] 26
Performance	5.1	Travel speeds	with/without load	mph 2.5/2.5
	5.1.1	Travel speed backwards	with/without load	mph 2.5/2.5
	5.5**	Max drawbar pull (S2 = 60 min)	with/without load	lbf 78
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load	lbf 155
	5.8*	Maximum slope (5 min)	with/without load	% 0/15
	5.9	Acceleration	with/without load	s 7/4
	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		Mechanical
	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%.



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