

movexx

smart electric tugs

EN



Technical datasheet

TT1000-T-Basic

M020



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TECHNICAL DATA TT1000-T-Basic M020

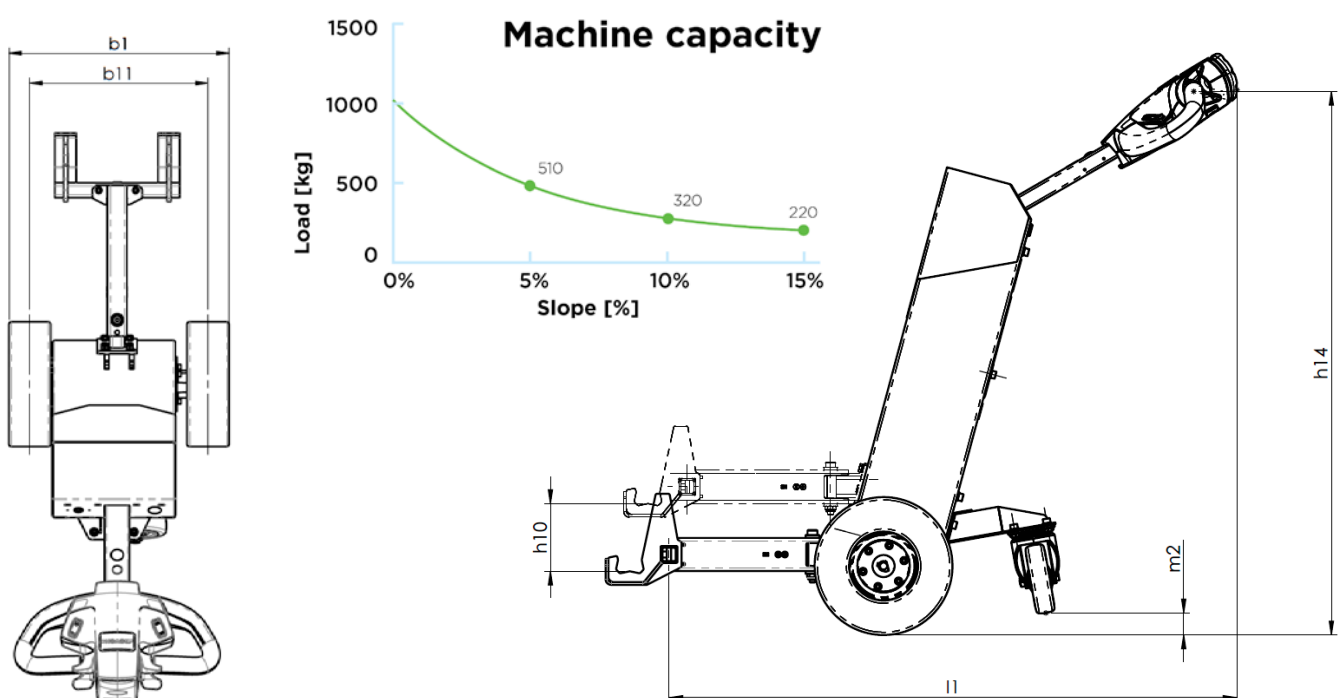
According to VDI 2198 in Metric units.

Character	1.1	Manufacturer		Movexx International B.V.
	1.2	Manufacturer's type designation		TT1000-T-Basic M020
	1.3	Drive		Electric with AGM-VRLA 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	43
	2.3	Axle load with load	front/rear	kg
Tyres/Chassis	3.1	Tyres		Solid Rubber
	3.3	Tyres size	mm	250 x 84
	3.4	Auxiliary wheel size	mm	125
	3.5	Wheels, number (x = driven)	front/rear	-/x2
	3.6	Tread	front/rear	b_{10}/b_{11} [mm]
Dimensions	4.9	Tiller height	min./max.	h_{14} [mm]
	4.12	Tow coupling height		h_{10} [mm]
	4.19	Total length		l_1 [mm]
	4.21	Total width		b_1 [mm]
	4.32	Ground clearance, center of wheel base		m_2 [mm]
Performance	5.1	Travel speeds	with/without load	km/h
	5.1.1	Travel speed backwards	with/without load	km/h
	5.5**	Max drawbar pull (S2 = 60 min)	with/without load	N
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load	N
	5.8*	Maximum slope (5 min)	with/without load	%
	5.9	Acceleration	with/without load	s
	5.10	Service brake		Electromagnetic
Other Drive	6.1	Drive motor output (S2 = 60 min)	kW	0.3
	6.4	Battery voltage/rated capacity	V/Ah	24/22
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%.



TECHNICAL DATA TT1000-T-Basic M020

According to VDI 2198 in Imperial units.

Character	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT1000-T-Basic M020	
	1.3	Drive		Electric with AGM-VRLA battery	
	1.4	Operator type		Tilting	
	1.5*	Rated capacity/rated load	Q [tn(US)]	1.10	
	1.7**	Rated drawbar pull	F [lbf]	78	
Wt	2.1	Weight incl. battery	lb	95	
	2.3	Axle load with load	front/rear	lb	95
Tyres/Chassis	3.1	Tyres		Solid Rubber	
	3.3	Tyres size	in	9.8 x 3.3	
	3.4	Auxiliary wheel size	in	4.9	
	3.5	Wheels, number (x = driven)	front/rear	-/x2	
	3.6	Tread	front/rear	b_{10}/b_{11} [in]	-/14
Dimensions	4.9	Tiller height	min./max.	h_{14} [in]	39
	4.12	Tow coupling height		h_{10} [in]	4.6-9.4
	4.19	Total length		l_1 [in]	40.6
	4.21	Total width		b_1 [in]	17.4
	4.32	Ground clearance, center of wheel base		m_2 [in]	1.57
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
Other Drive	6.1	Drive motor output (S2 = 60 min)	hp		0.40
	6.4	Battery voltage/rated capacity	V/Ah		24/22
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%.

