

# moveXX

smart electric tugs

EN



## Technical datasheet

# TT1000-T-CP

M020



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# TECHNICAL DATA TT1000-T-CP M020

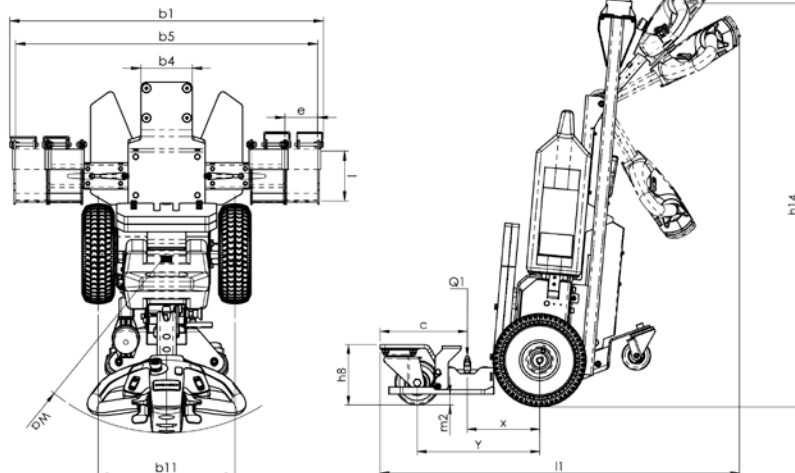
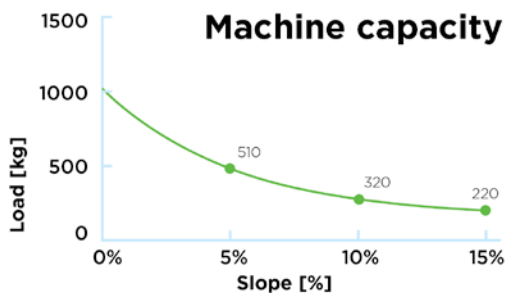
According to VDI 2198 in Metric units.

Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT1000-T-CP M020	
	1.3	Drive		Electric with LiFePo <sub>4</sub> battery	
	1.4	Operator type		Remote	
	1.5*	Rated capacity	Q [t]	1	
	1.5.1	Rated load	Q1[t]	0.05	
	1.6	Load centre distance	c [mm]	244	
	1.7**	Rated drawbar pull	F [N]	340	
	1.8	Load distance, centre of drive axle to fork	x [mm]	202	
Wt	1.9	Wheelbase	y [mm]	342.5	
	2.1	Weight incl. battery	kg	115	
Tyres/Chassis	2.3	Axle load without load	front/rear	kg	17/98
	3.1	Tyres			Foam filled
	3.2	Tyres size	front	mm	125x50
	3.3	Tyres size	rear	mm	250x84
	3.4	Auxiliary wheels size		mm	80
	3.5	Wheels, number (x = driven)	front/rear		1/x2
Dimensions	3.6	Tread	front/rear	b <sub>10</sub> / b <sub>11</sub> [mm]	-/355
	4.9	Tiller height	min./max.	h <sub>14</sub> [mm]	1029-1132
	4.10	Height of wheel arm		h <sub>8</sub> [mm]	169
	4.12	Tow coupling height		h <sub>10</sub> [mm]	93
	4.19	Total length		l <sub>1</sub> [mm]	1006
	4.21	Total width		b <sub>1</sub> [mm]	645-815
	4.22	Fork dimensions		e/l [mm]	85/130
	4.25	Fork spread		b <sub>5</sub> [mm]	615-785
	4.26	Width frame support wheel		b <sub>4</sub> [mm]	133
	4.32	Ground clearance, center of wheel base		m <sub>2</sub> [mm]	30.4
4.35	Turning radius		Wa [mm]	470	
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	340
	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	8/6
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	24/40
	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%.



# TECHNICAL DATA TT1000-T-CP M020

According to VDI 2198 in Imperial units.

<b>Characteristics</b>	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT1000-T-CP M020	
	1.3	Drive		Electric with LiFePo <sub>4</sub> battery	
	1.4	Operator type		Remote	
	1.5*	Rated capacity	Q [tn(US)]	1.10	
	1.5.1	Rated load	Q1[tn(US)]	0.06	
	1.6	Load centre distance	c [in]	9.5	
	1.7**	Rated drawbar pull	F [lbf]	76	
	1.8	Load distance, centre of drive axle to fork	x [in]	8	
	1.9	Wheelbase	y [in]	13.5	
<b>Wt</b>	2.1	Weight incl. battery	lb	254	
	2.3	Axle load without load	front/rear	lb	38/216
<b>Tyres/Chassis</b>	3.1	Tyres		Foam filled	
	3.2	Tyres size	front	in	4.9x2
	3.3	Tyres size	rear	in	9.8x3.3
	3.4	Auxiliary wheels size		in	3.2
	3.5	Wheels, number (x = driven)	front/rear		1/x2
	3.6	Tread	front/rear	b <sub>10</sub> / b <sub>11</sub> [in]	-/14
<b>Dimensions</b>	4.9	Tiller height	min./max.	h <sub>14</sub> [in]	40.5-44.5
	4.10	Height of wheel arm		h <sub>8</sub> [in]	6.5
	4.12	Tow coupling height		h <sub>10</sub> [in]	3.5
	4.19	Total length		l <sub>1</sub> [in]	39.5
	4.21	Total width		b <sub>1</sub> [in]	25.5-32
	4.22	Fork dimensions		e/l [in]	3.5/5
	4.25	Fork spread		b <sub>5</sub> [in]	24-31
	4.26	Width frame support wheel		b <sub>4</sub> [in]	5.3
	4.32	Ground clearance, center of wheel base		m <sub>2</sub> [in]	1.2
	4.35	Turning radius		Wa [in]	18.5
<b>Performance</b>	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	76
	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	8/6
5.10	Service brake			Electromagnetic	
<b>Drive</b>	6.1	Drive motor output (S2 = 60 min)		hp	0.40
	6.4	Battery voltage/rated capacity		V/Ah	24/40
	6.5	Battery weight +/- 5%		lb	18.5
<b>Other</b>	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%.

