movexx
smart electric tugs

Technical datasheet
TT1000-T

M100

made in the Netherlands

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TECHNICAL DATA TT1000-T M100

According to VDI 2198

Characteristics	**1.1**	Manufacturer			Movexx International B.V.
	1.2	Model designation			TT1000-T
	1.3	Power unit			Electric w. LiFePo4 battery
	1.4	Operation type			Tilting
	1.5*	Rated capacity/Load capacity		Q [t]	1
	1.7*	Rated drawbar pull		F [N]	345
	1.9	Wheelbase		y [mm]	–
Wt	**2.1**	Weight, incl battery		kg	55
	2.2	Axle load without load	front/rear	kg	67
Wheels / tyres	**3.1**	Tyres			Solid rubber
	3.2	Tyre size	front	mm	–
	3.3	Tyre size,	rear	mm	250 x 85
	3.4	Auxiliary wheel size		mm	80
	3.5	Wheels, number front/rear (x = drive)			–/x2
	3.6	Tread width	front/rear	b_{10}/b_{11} [mm]	248/358
Dimensions	**4.9**	Tiller height	min./max.	h_{14} [mm]	926 - 1038 - 1155
	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]	442
	4.32	Ground clearance, auxiliary wheel / center of wheel base		m_1 / m_2 [mm]	45 / 41
	4.35	Turning radius		W_a [mm]	665
Performance	**5.1**	Travel speed forwards	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	7/6
	5.10	Service brake			Electromagnetic
Drive	**6.1**	Drive motor output (S2 = 60 Min)		kW	0,3
	6.4	Battery voltage, nominal capacity		[V/Ah]	24/20
	6.5	Battery weight +/- 5%		kg	8,4
Other	**8.1**	Drive control			Mechanical
	10.7	Noise level		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 weight 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.

Machine capacity