

movexx

smart electric tugs



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Technical datasheet TT1000-T

M100



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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
Wt	1.9	Wheelbase	y [mm]	-
	2.1	Weight, incl battery	kg	55
Wheels / tyres	2.2	Axle load without load	front/rear	kg
	3.1	Tyres	Solid rubber	
	3.2	Tyre size	front	mm
	3.3	Tyre size,	rear	mm
	3.4	Auxiliary wheel size	mm	80
	3.5	Wheels, number front/rear (x = drive)	-/x2	
Dimensions	3.6	Tread width	front/rear	b ₁₀ /b ₁₁ [mm]
	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, auxiliary wheel / center of wheel base	m ₁ / m ₂ [mm]	45 / 41
Performance	4.35	Turning radius	W _a [mm]	
	5.1	Travel speed forwards	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	%
Drive	5.9	Acceleration	with/without load	s
	5.10	Service brake	Electromagnetic	
	6.1	Drive motor output (S2 = 60 Min)	kW	0,3
Other	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.

