

movexx
smart electric tugs



Technical datasheet
TT1000-F

M020



» move your work **easier**

TECHNICAL DATA TT1000-F M020

According to VDI 2198

Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Model designation		TT1000-F	
	1.3	Power unit		Electric w. LiFePo4 battery	
	1.4	Operation type		Pedestrian	
	1.5*	Load capacity	Q [t]	1	
	1.6	Load center	c [mm]	600	
	1.7**	Rated drawbar pull	F [N]	400	
	1.8	Load distance, center of drive axle to	x [mm]	1040	
	1.9	Wheelbase	y [mm]	1256	
Weight	2.1	Weight, incl battery	kg	180	
	2.2	Axle load with load	front/rear	kg	440/740
	2.3	Axle load without load	front/rear	kg	90/90
Wheels / tyres	3.1	Tyres		Solid rubber	
	3.2	Tyre size	front	mm	250 x 85
	3.3	Tyre size,	rear	mm	250 x 85
	3.4	Auxiliary wheel size		mm	125
	3.5	Wheels, number front/rear (x = drive)			1/x2
	3.6	Tread width	front/rear	b ₁₀ /b ₁₁ [mm]	-/710
Dimensions	4.9	Tiller height	min./max.	h ₁₄ [mm]	1087-1180-1228
	4.12	Tow coupling height		h ₁₀ [mm]	84 - 274
	4.13	Loading height		h ₁₁	300
	4.19	Total length		l ₁ [mm]	1910
	4.20	Length to load face		l ₂ [mm]	341
	4.21	Total width		b ₁ [mm]	800
	4.32	Ground clearance, center of wheel base		m ₂ [mm]	16
	4.33	Load dimensions		b ₁₂ xl ₆ [mm]	800 x 1200
4.35	Turning radius		W _a [mm]	1828	
Performance	5.1	Travel speed forwards	with/without load	km/h	4/4
	5.1.1	Travel speed backwards	with/without load	km/h	2/2
	5.5**	Max. drawbar pull (S2 = 60 Min)	with/without load	N	135/400
	5.6**	Max. drawbar pull (S2 = 5 Min)	with/without load	N	275/1000
	5.8*	Maximum slope (5 min)	with/without load	%	2/15
	5.9	Acceleration	with/without load	s	11/9
	5.10	Service brake			Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 Min)		kW	0,6
	6.4	Battery voltage, nominal capacity		[V/Ah]	24/20
	6.5	Battery weight +/- 5%		kg	8,4
Other	8.1	Drive control			DC
	10.7	Noise level		dB(A)	65

* The maximum payload is affected by the type of slope, operating time and floor type.

** 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.

