movexx

smart electric tugs

EN

Technical datasheet

M020

TT1000-M-Inox-EB

made in the Netherlands

» move your work easier

TECHNICAL DATA TT1000-M-Inox-EB M020

According to VDI 2198

Characteristics	**1.1**	Manufacturer			Movexx International B.V.
	1.2	Model designation			TT1000-M-Inox-EB
	1.3	Power unit			Electric w. LiFePo4 battery
	1.4	Operation type			Pedestrian
	1.5*	Rated capacity		Q [t]	0,7
	1.5.1	Load capacity at load centre		Q_1 [t]	0.03
	1.7**	Rated drawbar pull		F [N]	273
	1.8	Load distance, center of drive axle to		x [mm]	565
	1.9	Wheelbase		y [mm]	720,5
Weight	**2.1**	Weight, incl battery		kg	160
	2.2	Axle load with load	front/rear	kg	73/117
	2.3	Axle load without load	front/rear	kg	43/117
Wheels / tyres	**3.1**	Tyres R = rubber, PU = polyurethane			Non marking Solid Rubber/PU
	3.2	Tyre size	front	mm	200
	3.3	Tyre size,	rear	mm	100
	3.5	Wheels, number front/rear (x = drive)			1x/2
	3.6	Tread width	front/rear	b_{10}/b_{11} [mm]	-/677
Dimensions	**4.9**	Tiller height	min./max.	h_{14} [mm]	650/1080
	4.19	Total length		l_1 [mm]	1128
	4.20	Length to lift face		l_2 [mm]	897
	4.21	Total width		b_1 [mm]	775
	4.22	Fork dimensions		s/e/l	21-274-128
	4.25	Fork spread		b_5 [mm]	660
	4.31	Ground clearance , front of machine		m_1 [mm]	30
	4.32	Ground clearance, center of wheel base		m_2 [mm]	33
	4.35	Turning radius		W_a [mm]	870
Performance	**5.1**	Travel speed forwards	with/without load	km/h	4/4,5
	5.1.1	Travel speed backwards	with/without load	km/h	3,5/4
	5.5	Max. drawbar pull (S2 = 60 Min)	with/without load	N	273
	5.6	Max. drawbar pull (S2 = 5 Min)	with/without load	N	545
	5.8	Maximum slope (5 min)	with/without load	%	0/15
	5.9	Acceleration	with/without load	s	11/10
	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			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.