moveXX
smart electric tugs

Technical
Datasheet
2023 v1

made in
the **Netherlands**

Movexx
TT1000-M

» **move your work easier**

TECHNICAL DATA TT1000-M M030

According to VDI 2198

Characteristics	1.1	Manufacturer			Movexx International B.V.
	1.2	Model designation			TT1000-M
	1.3	Power unit			Electric w. LiFePo4 battery
	1.4	Operation type			Pedestrian
	1.5*	Rated capacity		Q [t]	1
	1.7**	Rated drawbar pull		F [N]	546
	1.8	Load distance, center of drive axle to		x [mm]	644
	1.9	Wheelbase		y [mm]	908
Weight	2.1	Weight, incl battery		kg	125
	2.2	Axle load with load	front/rear	kg	146/59
	2.3	Axle load without load	front/rear	kg	95/30
Wheels / tyres	3.1	Tyres R = rubber, PU = polyurethane			PU/R
	3.2	Tyre size	front	mm	200
	3.3	Tyre size,	rear	mm	125
	3.4	Auxiliary wheel size		mm	125
	3.5	Wheels, number front/rear (x = drive)			2/x1
	3.6	Tread width	front/rear	b_{10}/b_{11} [mm]	60/50
Dimensions	4.9	Tiller height	min./max.	h_{14} [mm]	775/1138
	4.19	Total length		l_1 [mm]	1142
	4.20	Length to load face		l_2 [mm]	436
	4.21	Total width		b_1 [mm]	500
	4.22	Fork dimensions		s/e/l	100/87/707
	4.25	Fork spread		b_5 [mm]	852
	4.32	Ground clearance, center of wheel base		m_2 [mm]	13
	4.35	Turning radius		W_a [mm]	1130
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	546
	5.8*	Maximum slope (5 min)	with/without load	%	0/0
	5.9	Acceleration	with/without load	s	10/8
	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]	24/36
	6.5	Battery weight +/- 5%		kg	12
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.

Machine capacity