



Technical datasheet

TT1000-M

M040



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TECHNICAL DATA TT1000-M M040

According to VDI 2198 in Metric units.

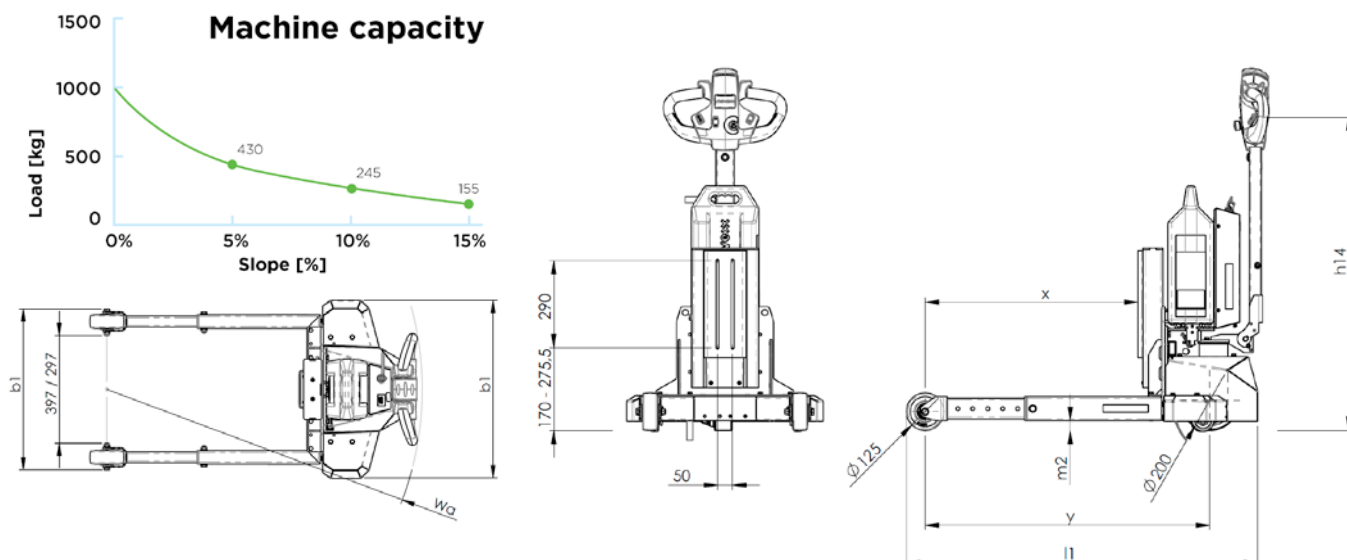
Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT1000-M M040	
	1.3	Drive		Electric with LiFePo ₄ battery	
	1.4	Operator type		Pedestrian	
	1.5	Rated capacity/rated load	Q [t]	1	
	1.7	Rated drawbar pull	F [N]	546	
	1.8	Load distance, centre of drive axle to lift face	x [mm]	710-460	
	1.9	Wheelbase	y [mm]	950-700	
	Weights	2.1	Weight incl. battery	kg	108
2.2		Axle load with load	front/rear	kg	150/38
2.3		Axle loading, without load	front/rear	kg	95/13
Tyres/Chassis	3.1	Tyres	front/rear	PU/Solid Rubber	
	3.2	Tyres size	front	mm	200x60
	3.3	Tyres size	rear	mm	125x50
	3.5	Wheels, number (x = driven)	front/rear		x1/2
	3.6	Tread	front/rear	b ₁₀ /b ₁₁ [mm]	60/50
	Dimensions	4.9	Tiller height	min-max	h ₁₄ [mm]
4.19		Overall length		l ₁ [mm]	923-1173
4.21		Overall width		b ₁ [mm]	460-656
4.32		Ground clearance, center of wheel base		m ₂ [mm]	32.5
4.35		Turning radius		Wa [mm]	1165-915
Performance	5.1	Travel speeds forwards	with/without load	km/h	3/4
	5.1.1	Travel speed backwards	with/without load	km/h	3/4
	5.5	Max drawbar pull (S2 = 60 min)	with load	N	273
	5.6	Max drawbar pull (S2 = 5 min)	with load	N	546
	5.8	Maximum slope (5 min)	with/without load	%	0/10
	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	24/20
	6.5	Battery weight +/- 5%		kg	8.4
Other	8.1	Type of drive unit			DC
	10.7	Sound level at operator's ear		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 load 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.

*** Values vary with different wheel base lengths (1.9 [y])

**** All values in this table have a tolerance of +/- 5%.



TECHNICAL DATA TT1000-M M040

According to VDI 2198 in Imperial units.

Characteristics	1.1	Manufacturer		Movexx International B.V.
	1.2	Manufacturer's type designation		TT1000-M M040
	1.3	Drive		Electric with LiFePo ₄ battery
	1.4	Operator type		Pedestrian
	1.5	Rated capacity/rated load	Q [tn(US)]	1
	1.7	Rated drawbar pull	F [lbf]	62
	1.8	Load distance, centre of drive axle to lift face	x [in]	28-18
	1.9	Wheelbase	y [in]	37.5-27.5
	Weights	2.1	Weight incl. battery	lb
2.2		Axle load with load	front/rear	lb 331/84
2.3		Axle loading, without load	front/rear	lb 209/29
Tyres/Chassis	3.1	Tyres	front/rear	PU/Solid Rubber
	3.2	Tyres size	front	in 7.9x2.4
	3.3	Tyres size	rear	in 4.9x2
	3.5	Wheels, number (x = driven)	front/rear	x1/2
	3.6	Tread	front/rear	b ₁₀ /b ₁₁ [in] 2.4/2
	Dimensions	4.9	Tiller height	min-max
4.19		Overall length		l ₁ [in] 36.5-46.5
4.21		Overall width		b ₁ [in] 18-26
4.32		Ground clearance, center of wheel base		m ₂ [in] 1.280
4.35		Turning radius		Wa [in] 49-36
Performance	5.1	Travel speeds forwards	with/without load	mph 1.9/2.5
	5.1.1	Travel speed backwards	with/without load	mph 1.9/2.5
	5.5	Max drawbar pull (S2 = 60 min)	with load	lbf 62
	5.6	Max drawbar pull (S2 = 5 min)	with load	lbf 123
	5.8	Maximum slope (5 min)	with/without load	% 0/10
	5.9	Acceleration	with/without load	s 10/8
	5.10	Service brake		Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 min)	hp	0.4
	6.4	Battery voltage/nominal capacity	V/Ah	24/20
	6.5	Battery weight +/- 5%	lb	18.5
Other	8.1	Type of drive unit		DC
	10.7	Sound level at operator's ear	dB(A)	<65

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