

move^{xx}

smart electric tugs

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Technical datasheet

TT1500-T-Inox

M080



» move your work easier

TECHNICAL DATA TT1500-T-Inox M080

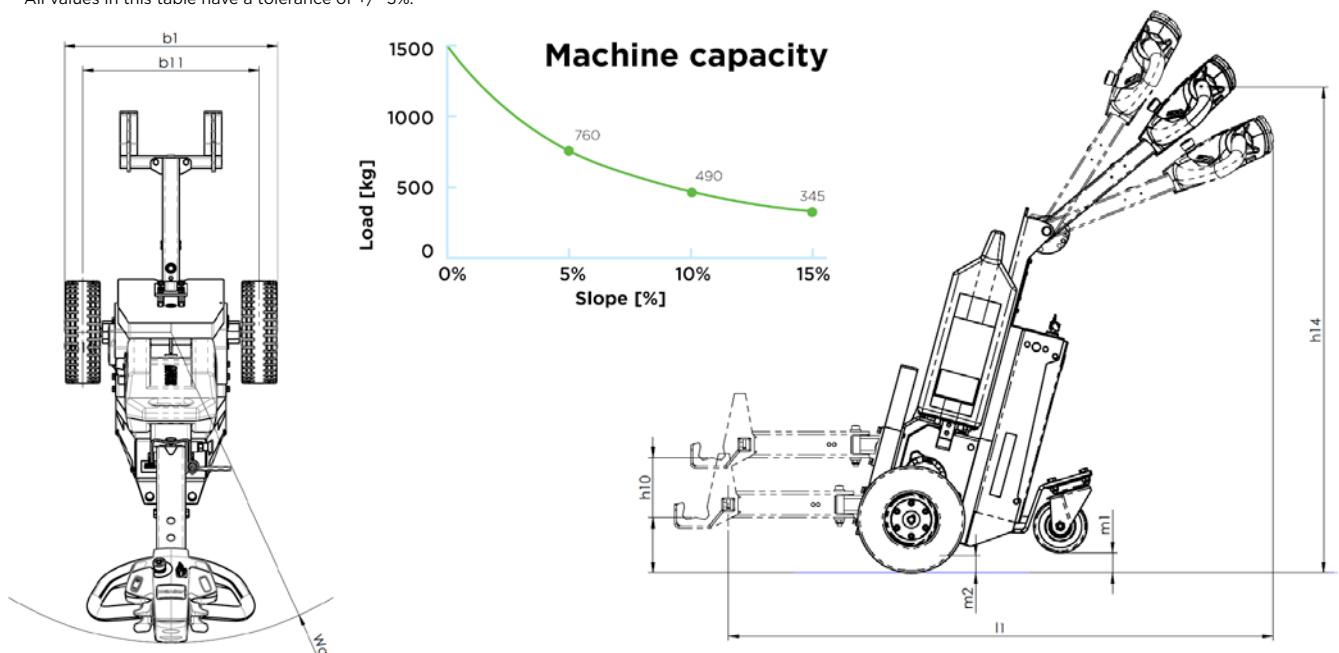
According to VDI 2198 in Metric units.

Characteristics	1.1	Manufacturer		Movexx International B.V.
	1.2	Manufacturer's type designation		TT1500-T-Inox M080
	1.3	Drive		Electric with LiFePo ₄ battery
	1.4	Operator type		Tilting
	1.5*	Rated capacity/rated load	Q [t]	1.5
	1.7**	Rated drawbar pull	F [N]	490
	1.9	Wheelbase	y [mm]	-
Wt	2.1	Weight incl. battery	kg	130
	2.3	Axle load with load	front/rear kg	152
Tyres/Chassis	3.1	Tyres		Solid Rubber/Non-Marking
	3.2	Tyres size	front mm	250x84
	3.4	Auxiliary wheels size	mm	125
	3.5	Wheels, number (x = driven)	front/rear	-/x2
	3.6	Tread	front/rear b ₁₀ /b ₁₁ [mm]	-/432
	Dimensions	4.8	Stand height	min./max. h ₇ [mm]
4.9		Tiller height	min./max. h ₁₄ [mm]	1006-1137-1231
4.12		Tow coupling height	h ₁₀ [mm]	130-270
4.19		Total length	l ₁ [mm]	1273,5
4.21		Total width	b ₁ [mm]	522
4.31		Ground clearance, auxiliary wheel	m ₁ [mm]	47
4.32		Ground clearance, center of wheel base	m ₂ [mm]	41
4.35		Turning radius	Wa [mm]	757
Performance	5.1	Travel speeds	with/without load km/h	4/4
	5.1.1	Travel speed backwards	with/without load km/h	4/4
	5.5**	Max drawbar pull (S2 = 60 min)	with/without load N	490
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load N	980
	5.8*	Maximum slope (5 min)	with/without load %	0/15
	5.9	Acceleration	with/without load s	8/6
	5.10	Service brake		Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 min)	kW	0.6
	6.4	Battery voltage/rated capacity	V/Ah	24/20
	6.5	Battery weight +/- 5%	kg	8.5
Other	8.1	Drive control		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.

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



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TECHNICAL DATA TT1500-T-Inox M080

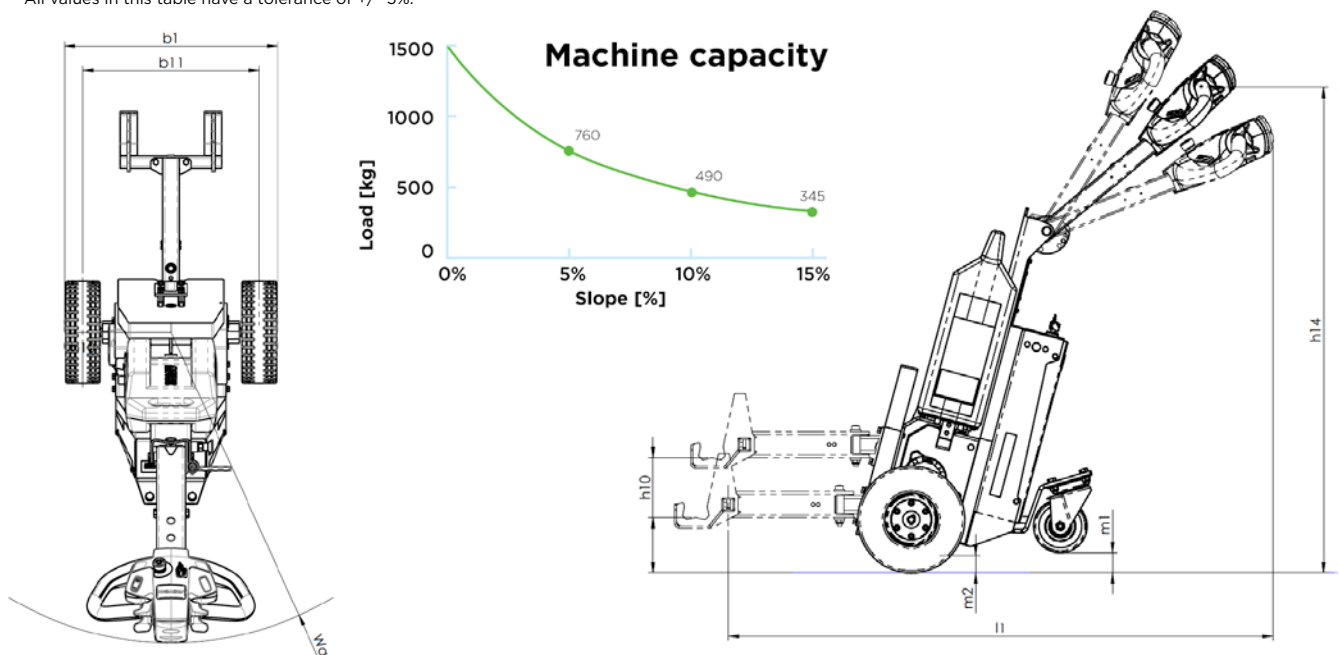
According to VDI 2198 in Imperial units.

Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT1500-T-Inox M080	
	1.3	Drive		Electric with LiFePo ₄ battery	
	1.4	Operator type		Tilting	
	1.5*	Rated capacity/rated load	Q [tn(US)]	1.6	
	1.7**	Rated drawbar pull	F [lbf]	110	
	1.9	Wheelbase	y [in]	-	
Wt	2.1	Weight incl. battery	lb	287	
	2.3	Axle load with load	front/rear lb	335	
Tyres/Chassis	3.1	Tyres		Solid Rubber/Non-Marking	
	3.2	Tyres size	front in	9.8x3.3	
	3.4	Auxiliary wheels size	in	5	
	3.5	Wheels, number (x = driven)	front/rear	-/x2	
	3.6	Tread	front/rear	b ₁₀ /b ₁₁ [in]	-/17.01
	Dimensions	4.8	Stand height	min./max.	h ₇ [in]
4.9		Tiller height	min./max.	h ₁₄ [in]	39.5-45-48.5
4.12		Tow coupling height		h ₁₀ [in]	5-11
4.19		Total length		l ₁ [in]	50
4.21		Total width		b ₁ [in]	20.5
4.31		Ground clearance, auxiliary wheel		m ₁ [in]	1.8
4.32		Ground clearance, center of wheel base		m ₂ [in]	1.6
4.35		Turning radius		Wa [in]	30
Performance	5.1	Travel speeds	with/without load	mph	2.5/2.5
	5.1.1	Travel speed backwards	with/without load	mph	2.5/2.5
	5.5**	Max drawbar pull (S2 = 60 min)	with/without load	lbf	110
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load	lbf	220
	5.8*	Maximum slope (5 min)	with/without load	%	0/15
	5.9	Acceleration	with/without load	s	8/6
	5.10	Service brake			Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 min)	hp	0.80	
	6.4	Battery voltage/rated capacity	V/Ah	24/20	
	6.5	Battery weight +/- 5%	lb	19	
Other	8.1	Drive control		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 [lbf] 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.

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