

movexx
smart electric tugs



Technical
Datasheet
2023 v1



Movexx
TT1500-T

» move your work easier

TECHNICAL DATA TT1500-T M080

According to VDI 2198

Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Model designation		TT1500-T	
	1.3	Power unit		Electric w. LiFePo4 battery	
	1.4	Operation type		Tilting	
	1.5*	Rated capacity/Load capacity	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	
	2.2	Axle load without load	front/rear	kg	152
Wheels / tyres	3.1	Tyres		Solid rubber	
	3.2	Tyre size	front	mm	-
	3.3	Tyre size,	rear	mm	250 x 85
	3.4	Auxiliary wheel size		mm	125
	3.5	Wheels, number front/rear (x = drive)			-/x2
	3.6	Tread width	front/rear	b_{10}/b_{11} [mm]	-/403
Dimensions	4.9	Tiller height	min./max.	h_{14} [mm]	1007-1154-1242
	4.12	Tow coupling height		h_{10} [mm]	130 - 270
	4.19	Total length		l_1 [mm]	1256
	4.21	Total width		b_1 [mm]	487
	4.32	Ground clearance, center of wheel base		m_2 [mm]	43
	4.35	Turning radius		W_a [mm]	725
Performance	5.1	Travel speed forwards	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, nominal capacit	[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.

