



Technical datasheet

TT2500-S-AT

M010

TECHNICAL DATA TT2500-S-AT M010

According to VDI 2198 in Metric units.

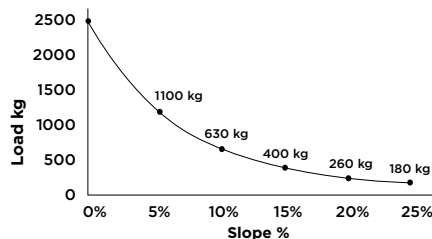
Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT2500-S-AT M010	
	1.3	Drive		Electric with AGM battery	
	1.4	Operator type		Pedestrian	
	1.5*	Rated capacity/rated load	Q [t]	2.5	
	1.7**	Rated drawbar pull	F [N]	620	
	1.9	Wheelbase	y [mm]	805	
Wt	2.1	Weight incl. battery and weight packages	kg	300	
	2.3	Axle load without load	front/rear	kg	181/119
Tyres/Chassis	3.1	Tyres		Foam filled/Pneumatic	
	3.2	Tyres size	front	mm	260x85
	3.3	Tyres size	rear	mm	406x165
	3.4	Auxiliary wheels size		mm	-
	3.5	Wheels, number (x = driven)	front/rear		1/x2
	3.6	Tread	front/rear	b_{10}/b_{11} [mm]	-/682
Dimensions	4.9	Tiller height	min./max.	h_{14} [mm]	710-1205
	4.12	Tow coupling height		$h_{10} - h_{11}$ [mm]	135-310
	4.19	Total length		l_1 [mm]	1205
	4.21	Total width		b_1 [mm]	852
	4.32	Ground clearance, center of wheel base		m_2 [mm]	95
	4.35	Turning radius		W_a [mm]	1250
Performance	5.1	Travel speeds	with/without load	km/u	4/4.5
	5.1.1	Travel speed backwards	with/without load	km/u	3/3.5
	5.5**	Max drawbar pull (S2 = 60 min)	with/without load	N	620
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load	N	1350
	5.8*	Maximum slope (5 min)	with/without load	%	0/24
	5.9	Acceleration	with/without load	s	8/6
	5.10	Service brake			Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 min)		kW	0.8
	6.4	Battery voltage/rated capacity		V/Ah	24/80
	6.5	Battery weight +/- 5%		kg	47
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).

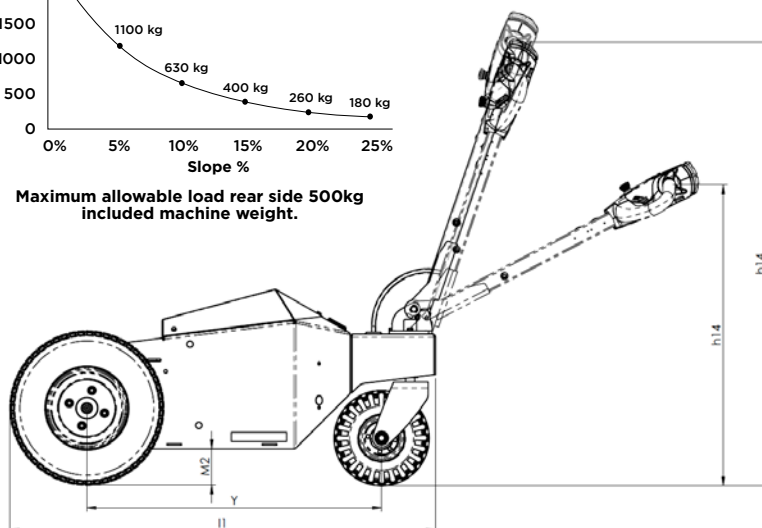
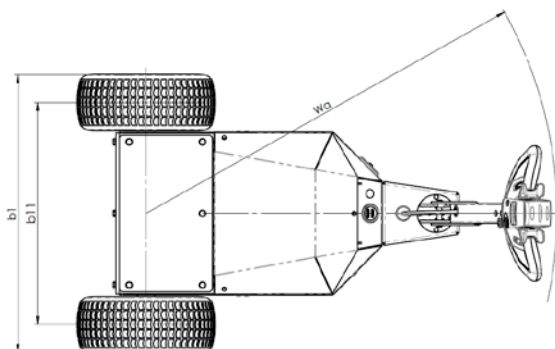
** The maximum drawbar load on the hook [N] is determined by the engine power of the machine but is affected by the type of wheels of the machine and of the towed trolley/load, the type of surface and the driveable weight of the machine.

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

Machine capacity



Maximum allowable load rear side 500kg included machine weight.



TECHNICAL DATA TT2500-S-AT M010

According to VDI 2198 in Imperial units.

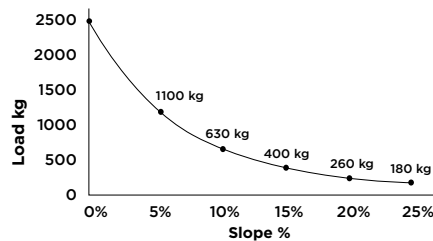
Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT2500-S-AT M010	
	1.3	Drive		Electric with AGM battery	
	1.4	Operator type		Pedestrian	
	1.5*	Rated capacity/rated load	Q [tn(US)]	2.7	
	1.7**	Rated drawbar pull	F [lbf]	140	
	1.9	Wheelbase	y [in]	31.5	
Wt	2.1	Weight incl. battery and weight packages	lb	661	
	2.3	Axle load without load	front/rear lb	399/262	
Tyres/Chassis	3.1	Tyres		Foam filled/Pneumatic	
	3.2	Tyres size	front in	10.2x3.3	
	3.3	Tyres size	rear in	16x6.5	
	3.4	Auxiliary wheels size	in	-	
	3.5	Wheels, number (x = driven)	front/rear	1/x2	
	3.6	Tread	front/rear	b_{10}/b_{11} [in]	-/27
Dimensions	4.9	Tiller height	min./max.	h_{14} [in]	28-47.5
	4.12	Tow coupling height		h_{10} [in]	5.5-12
	4.19	Total length		l_1 [in]	47.5
	4.21	Total width		b_1 [in]	33.5
	4.32	Ground clearance, center of wheel base		m_2 [in]	3.7
	4.35	Turning radius		W_a [in]	49
Performance	5.1	Travel speeds	with/without load	mph	2.5/2.8
	5.1.1	Travel speed backwards	with/without load	mph	1.9/2.2
	5.5**	Max drawbar pull (S2 = 60 min)	with/without load	lbf	140
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load	lbf	304
	5.8*	Maximum slope (5 min)	with/without load	%	0/24
	5.9	Acceleration	with/without load	s	8/6
	5.10	Service brake			Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 min)		hp	1.07
	6.4	Battery voltage/rated capacity		V/Ah	24/80
	6.5	Battery weight +/- 5%		lb	104
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.

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

Machine capacity



Maximum allowable load rear side 500kg included machine weight.

