



Technical datasheet

TT3500-S-AT

M010

TECHNICAL DATA TT3500-S-AT M010

According to VDI 2198 in Metric units.

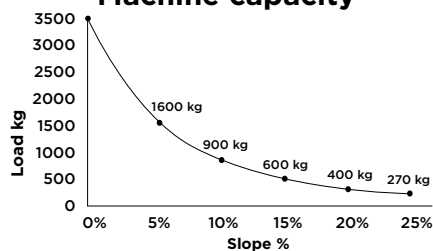
Characteristics	1.1	Manufacturer		Movexx International B.V.
	1.2	Manufacturer's type designation		TT3500-S-AT M010
	1.3	Drive		Electric with LiFePo ₄ battery
	1.4	Operator type		Pedestrian
	1.5*	Rated capacity/rated load	Q [t]	3.5
	1.7**	Rated drawbar pull	F [N]	640
	1.9	Wheelbase	y [mm]	867
Wt	2.1	Weight incl. battery	kg	385
	2.3	Axle loading, without load	front/rear	kg 148/237
Tyres/Chassis	3.1	Tyres	front/rear	Pneumatic
	3.2	Tyres size	front	mm 260x85
	3.3	Tyres size	rear	mm 406x165
	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
4.12		Tow coupling height	min-max	h ₁₀ [mm] 135-310
4.19		Overall length		l ₁ [mm] 1205
4.21		Overall width		b ₁ [mm] 852
4.32		Ground clearance, center of wheel base		m ₂ [mm] 95
Performance	5.1	Travel speeds forwards	with/without load	km/h 4.5/5
	5.1.1	Travel speed backwards	with/without load	km/h 3.5/4
	5.5**	Max drawbar pull (S2 = 60 min)	with load	N 640
	5.6**	Max drawbar pull (S2 = 5 min)	with load	N 1610
	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	1.5
	6.4	Battery voltage/nominal capacity	V/Ah	24/120
	6.5	Battery weight +/- 5%	kg	34
Other	8.1	Type of drive unit		AC
	10.7	Sound level at operator's ear	dB(A)	<60

* 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).

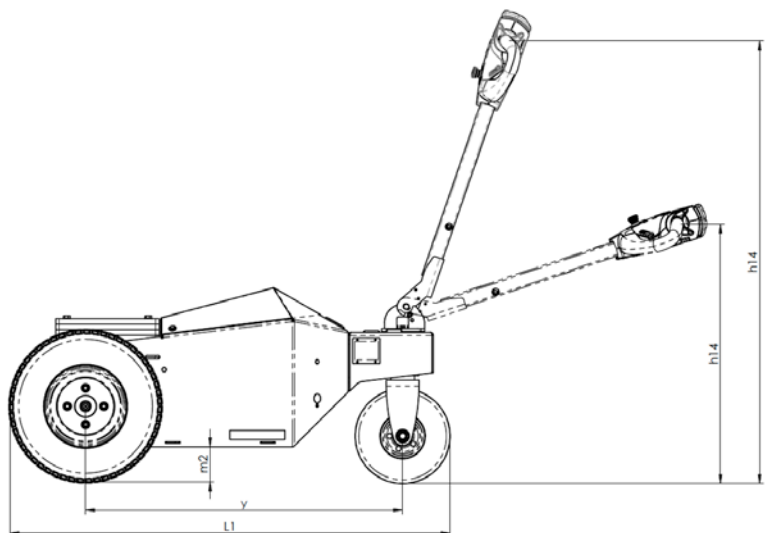
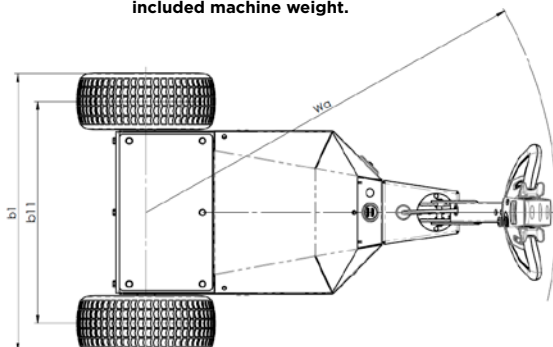
** The maximum drawbar load on the hook [N] is determined by the engine power of the machine but is affected by the type of wheels of the machine and of the towed trolley/load, the type of surface and the driveable weight of the machine.

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

Machine capacity



Maximum allowable load rear side 500kg included machine weight.



TECHNICAL DATA TT3500-S-AT M010

According to VDI 2198 in Imperial units.

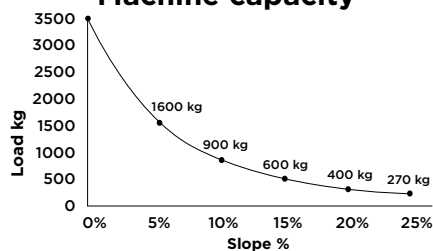
Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		TT3500-S-AT M010	
	1.3	Drive		Electric with LiFePo ₄ battery	
	1.4	Operator type		Pedestrian	
	1.5*	Rated capacity/rated load	Q [tn(US)]	3.9	
	1.7**	Rated drawbar pull	F [lbf]	144	
	1.9	Wheelbase	y [in]	34	
Wt	2.1	Weight incl. battery	lb	848	
	2.3	Axle loading, without load	front/rear	lb	326/522
Tyres/Chassis	3.1	Tyres	front/rear	Pneumatic	
	3.2	Tyres size	front	in	10.2x3.3
	3.3	Tyres size	rear	in	16x6.50
	3.5	Wheels, number (x = driven)	front/rear		1/x2
	3.6	Tread	front/rear	b ₁₀ /b ₁₁ [in]	-/26.5
	Dimensions	4.9	Tiller height	min-max	h ₁₄ [in]
4.12		Tow coupling height	min-max	h ₁₀ [in]	5-12
4.19		Overall length		l ₁ [in]	47.5
4.21		Overall width		b ₁ [in]	33.5
4.32		Ground clearance, center of wheel base		m ₂ [in]	3.7
Performance	5.1	Travel speeds forwards	with/without load	mph	2.8/3.1
	5.1.1	Travel speed backwards	with/without load	mph	2.2/2.5
	5.5**	Max drawbar pull (S2 = 60 min)	with load	lbf	144
	5.6**	Max drawbar pull (S2 = 5 min)	with load	lbf	362
	5.8*	Maximum slope (5 min)	with/without load		0/24
	5.9	Acceleration	with/without load		8/6
	5.10	Service brake			Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 min)		hp	2.0
	6.4	Battery voltage/nominal capacity			24/120
	6.5	Battery weight +/- 5%		lb	75
Other	8.1	Type of drive unit			AC
	10.7	Sound level at operator's ear			<60

* 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.

