movexx

smart electric tugs

EN

Technical datasheet
TT0450-T-BM

M010

made in the Netherlands

» move your work easier

TECHNICAL DATA TT0450-M-BM M010

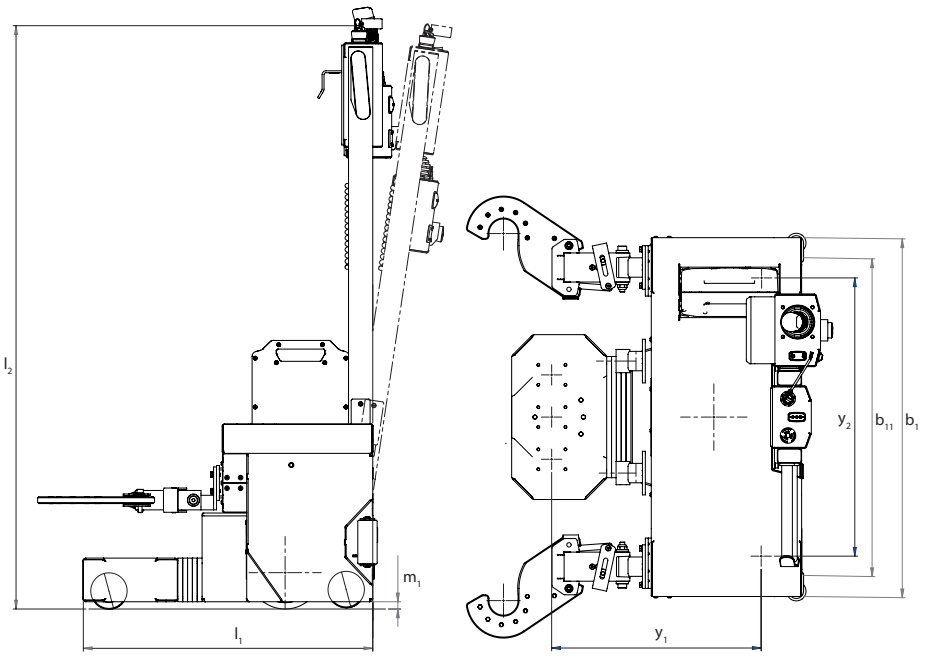
According to VDI 2198 in Metric units.

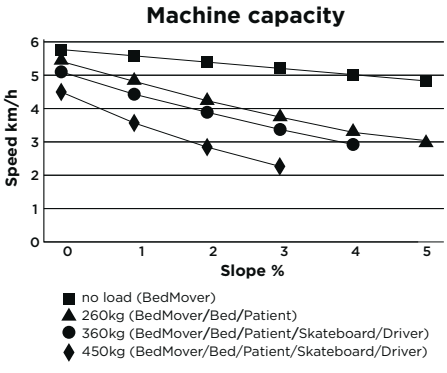
Characteristics	**1.1**	Manufacturer			Movexx International B.V.
	1.2	Manufacturer's type designation			TT0450-M-BM
	1.3	Drive			Electric with $LiFePO_4$ battery
	1.4	Operator type			Pedestrian
	1.5	Rated capacity/rated load		Q [t]	0.45
	1.7	Rated drawbar pull		F [N]	136
	1.9	Wheelbase		y [mm]	432
wt	**2.1**	Weight incl. battery		kg	100
Tyres/Chassis	**3.1**	Tyres	front/rear		PU/Solid Rubber Non-Marking
	3.2	Tyres size	front	mm	75
	3.3	Tyres size	rear	mm	150
	3.4	Auxiliary wheel size		mm	75
	3.5	Wheels, number (x = driven)	front/rear		1/x1
	3.6	Tread	front/rear	b_{10}/b_{11} [mm]	-/574
Dimensions	**4.9**	Tiller height	min-max	h_{14} [mm]	1200
	4.15	Fork height	lowest/highest (stroke)	h_{13} [mm]	231/617(386)
	4.19	Overall length		l_1 [mm]	600
	4.21	Overall width		b_1 [mm]	740
	4.31	Ground clearance	front of machine	m_1 [mm]	15
	4.32	Ground clearance	center of wheel base	m_2 [mm]	15
Performance	**5.1**	Travel speeds forwards	with/without load	km/h	4.5 / 5.8
	5.1.1	Travel speed backwards	with/without load	km/h	4.5 / 5.8
	5.5	Max drawbar pull (S2 = 60 min)	with/without load	N	136
	5.6	Max drawbar pull (S2 = 5 min)	with/without load	N	273
	5.8	Maximum slope (0,2 min)	with/without load	%	3.0 / 5.0
	5.10	Service brake			Electromagnetic
Drive	**6.1**	Drive motor output (S2 = 60 min)		kW	130
	6.4	Battery voltage/nominal capacity		V/Ah	25.6/40
	6.5	Battery weight +/- 5%		kg	8.5
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 load [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 load, the type of surface and the drivable weight of the machine.

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





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TECHNICAL DATA TT0450-M-BM M010

According to VDI 2198 in Imperial units.

Characteristics	**1.1**	Manufacturer			Movexx International B.V.
	1.2	Manufacturer's type designation			TT0450-M-BM
	1.3	Drive			Electric with $LiFePO_4$ battery
	1.4	Operator type			Pedestrian
	1.5	Rated capacity/rated load		Q [tn(US)]	0.5
	1.7	Rated drawbar pull		F [lbf]	30.6
	1.9	Wheelbase		y [in]	17
wt	**2.1**	Weight incl. battery		lb	220
Tyres/Chassis	**3.1**	Tyres	front/rear		PU/Solid Rubber Non-Marking
	3.2	Tyres size	front	in	3
	3.3	Tyres size	rear	in	5.9
	3.4	Auxiliary wheel size		in	3
	3.5	Wheels, number (x = driven)	front/rear		1/x1
	3.6	Tread	front/rear	b_{10}/b_{11} [in]	-/22.5
Dimensions	**4.9**	Tiller height	min-max	h_{14} [in]	1200
	4.15	Fork height	lowest/highest, (stroke)	h_{13} [in]	9.1/24.3 (15.2)
	4.19	Overall length		l_1 [in]	23.5
	4.21	Overall width		b_1 [in]	29.1
	4.31	Ground clearance	front of machine	m_1 [in]	0.6
	4.32	Ground clearance	center of wheel base	m_2 [in]	0.6
Performance	**5.1**	Travel speeds forwards	with/without load	mph	2.8/3.6
	5.1.1	Travel speed backwards	with/without load	mph	2.8/3.6
	5.5	Max drawbar pull (S2 = 60 min)	with/without load	lbf	30.6
	5.6	Max drawbar pull (S2 = 5 min)	with/without load	lbf	61.4
	5.8	Maximum slope (0.2 min)	with/without load	%	3.0/5.0
	5.10	Service brake			Electromagnetic
Drive	**6.1**	Drive motor output (S2 = 60 min)		hp	130
	6.4	Battery voltage/nominal capacity		V/Ah	25.6/40
	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

* 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 load [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 load, the type of surface and the drivable weight of the machine.

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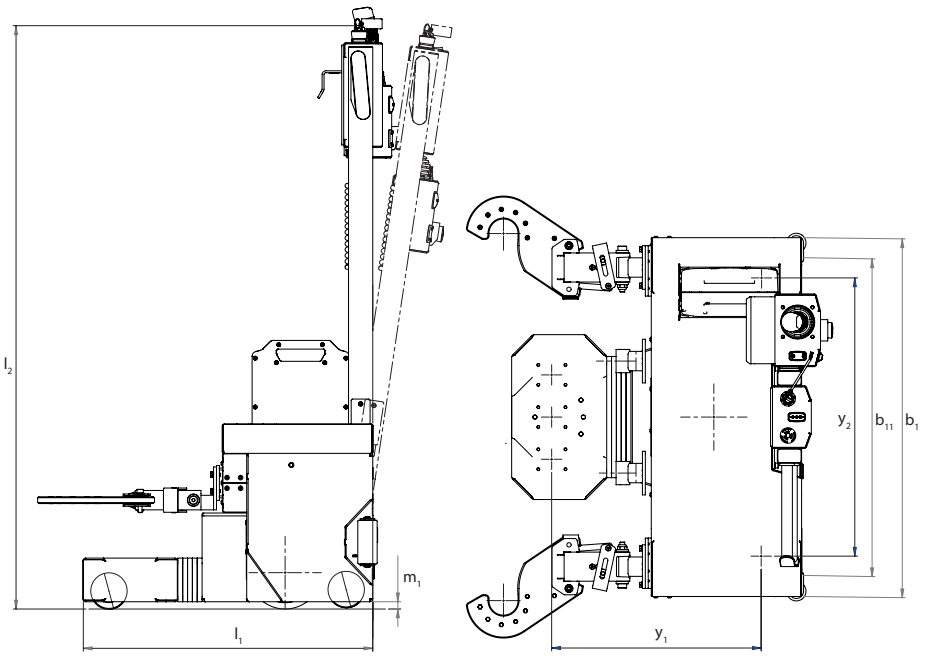

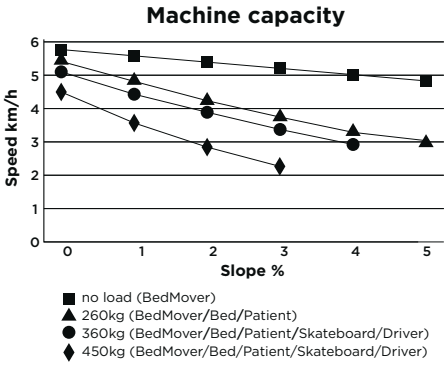

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