movexx
smart electric tugs

Technical Datasheet

2023 **v1**

made in the Netherlands

Movexx
TT2500-L

>> move your work easier

TECHNICAL DATA TT2500-L M040

According to VDI 2198

Characteristics	1.1	Manufacturer			Movexx International B.V.
	1.2	Model designation			TT2500-L
	1.3	Power unit			Electric w. LiFePo4 battery
	1.4	Operation type			Pedestrian
	1.5*	Rated capacity/Load capacity		Q [t]	2.5 / 1,25
	1.7**	Rated drawbar pull		F [N]	614
	1.9	Wheelbase		y [mm]	1480
Wt	2.1	Weight, incl battery		kg	142
	2.2	Axle load with load	front/rear	kg	62/80
	2.3	Axle load without load	front/rear	kg	1253/140
Wheels / tyres	3.1	Tyres, R = rubber, PU = polyurethane	front/rear		R/PU
	3.2	Tyre size,	front	mm	125
	3.3	Tyre size,	rear	mm	200
	3.5	Wheels, number front/rear (x = drive)			1/x2
	3.6	Tread width	front/rear	b_{10}/b_{11} [mm]	50/35
Dimensions	4.4	Lift		h_3 [mm]	179
	4.9	Tiller height	min./max.	h_{14} [mm]	932/1056/1151
	4.19	Total length		l_1 [mm]	875
	4.20	Length to lift face		l_2 [mm]	666
	4.21	Total width		b_1 [mm]	498
	4.22	Fork dimensions		s/e/l	200/110/600
	4.25	Fork spread		b_5 [mm]	478
	4.32	Ground clearance, center of wheel base		m_2 [mm]	11
	4.35	Turning radius		W_a [mm]	1220
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	614
	5.6**	Max. drawbar pull (S2 = 5 Min)	with/without load	N	1230
	5.8*	Maximum slope (5 min)	with/without load	%	0/15
	5.9	Acceleration	with/without load	s	10/8
	5.10	Service brake			Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 Min)		kW	0,6
	6.4	Battery voltage, nominal capacity		[V/Ah]	24/36
	6.5	Battery weight +/- 5%		kg	12
Other	8.1	Drive control			DC
	10.7	Noise level		dB(A)	<74

* 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.