movexx
smart electric tugs

Technical **Datasheet**

2023 v1

made in the **Netherlands**

Movexx
TT3500-S-Push

»» **move your work easier**

TECHNICAL DATA TT3500-S-Push M070

According to VDI 2198

Characteristics	**1.1**	Manufacturer			Movexx International B.V.
	1.2	Model designation			TT3500-S-Push
	1.3	Power unit			Electric w. lead acid battery
	1.4	Operation type			Pedestrian
	1.5*	Rated capacity/Load capacity		Q [t]	3.5
	1.7**	Rated drawbar pull		F [N]	492
	1.9	Wheelbase		y [mm]	690
Wt	**2.1**	Weight, incl battery		kg	300
	2.2	Axle load without load	front/rear	kg	171/129
Wheels / tyres	**3.1**	Tyres			Solid rubber
	3.2	Tyre size	front	mm	125
	3.3	Tyre size,	rear	mm	250 x 85
	3.4	Auxiliary wheel size		mm	–
	3.5	Wheels, number front/rear (x = drive)			1/x2
	3.6	Tread width	front/rear	b_{10}/b_{11} [mm]	–/403
Dimensions	**4.8**	Stand height	min./max.	h_7 [mm]	–
	4.9	Tiller height	min./max.	h_{14} [mm]	976-1224
	4.12	Tow coupling height		h_{10} [mm]	89,7-280,7
	4.19	Total length		l_1 [mm]	1145
	4.21	Total width		b_1 [mm]	511
	4.32	Ground clearance, center of wheel base		m_2 [mm]	60
	4.35	Turning radius		W_a [mm]	1143
Performance	**5.1**	Travel speed forwards	with/without load	km/h	2,5/4,5
	5.1.1	Travel speed backwards	with/without load	km/h	2,5/2,5
	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	1230
	5.8*	Maximum slope (5 min)	with/without load	%	0/15
	5.9	Acceleration	with/without load	s	11/9
	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]	24/80
	6.5	Battery weight +/- 5%		kg	54
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.

Machine capacity