

movexx
smart electric tugs



Technical datasheet
TT3500-S-Push

M070



» 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	
Wt	1.9	Wheelbase	y [mm]	690	
	2.1	Weight, incl battery	kg	300	
Wheels / tyres	2.2	Axle load without load	front/rear	kg	171/129
	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
Dimensions	3.6	Tread width	front/rear	b_{10}/b_{11} [mm]	-/403
	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
Performance	4.35	Turning radius		W_a [mm]	1143
	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
Drive	5.9	Acceleration	with/without load	s	11/9
	5.10	Service brake			Electromagnetic
	6.1	Drive motor output (S2 = 60 Min)	kW		0,6
Other	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.

