

movexx
smart electric tugs

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Technical
Datasheet
2023 v1



Movexx
RR1000-S

» move your work **easier**

TECHNICAL DATA RR1000-S M090

According to VDI 2198

Characteristics	1.1	Manufacturer			Movexx International B.V.
	1.2	Model designation			RR1000-S
	1.3	Power unit			Electric w. LiFePo4 battery
	1.4	Operation type			Platform
	1.5*	Rated capacity/Load capacity	Q [t]	1	
	1.7**	Rated drawbar pull	F [N]	252	
	1.9	Wheelbase	y [mm]	980	
Wt	2.1	Weight, incl battery	kg	130	
	2.2	Axle load with operator 80 kg	front/rear	kg	95/115
Wheels / tyres	3.1	Tyres			Solid rubber
	3.2	Tyre size	front	mm	250 x 85
	3.3	Tyre size,	rear	mm	250 x 85
	3.4	Auxiliary wheel size			80
	3.5	Wheels, number front/rear (x = drive)			1/x2
	3.6	Tread width	front/rear	b ₁₀ /b ₁₁ [mm]	-/350
Dimensions	4.8	Stand height	min./max.	h ₇ [mm]	113 / 947-1157
	4.9	Tiller height	min./max.	h ₁₄ [mm]	1182-1232-1089
	4.12	Tow coupling height		h ₁₀ [mm]	85-275
	4.19	Total length		l ₁ [mm]	1230
	4.21	Total width		b ₁ [mm]	454
	4.32	Ground clearance, center of wheel base		m ₂ [mm]	50
	4.35	Turning radius		W _a [mm]	1500
Performance	5.1	Travel speed forwards	with/without load	km/h	6,5
	5.1.1	Travel speed backwards	with/without load	km/h	3
	5.5**	Max. drawbar pull (S2 = 60 Min)	with/without load	N	252
	5.6**	Max. drawbar pull (S2 = 5 Min)	with/without load	N	630
	5.8*	Maximum slope (5 min)	with/without load	%	0/15
	5.9	Acceleration	with/without load	s	10/6
	5.10	Service brake			Electromagnetic
Drive	6.1	Drive motor output (S2 = 60 Min)	kW	0,42	
	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)	68

* 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.

