

**moveXX**  
smart electric tugs



**Technical datasheet**  
**RR3500-S**

M020



» move your work easier

# TECHNICAL DATA RR3500-S M020

According to VDI 2198

<b>Characteristics</b>	<b>1.1</b>	Manufacturer		Movexx International B.V.
	<b>1.2</b>	Model designation		RR3500-S
	<b>1.3</b>	Power unit		Electric w. LiFePo4 battery
	<b>1.4</b>	Operation type		Platform
	<b>1.5*</b>	Rated capacity/Load capacity	Q [t]	3.5
	<b>1.7**</b>	Rated drawbar pull	F [N]	1800
	<b>1.9</b>	Wheelbase	y [mm]	1100
<b>Wt</b>	<b>2.1</b>	Weight, incl battery	kg	515
	<b>2.2</b>	Axle load with operator 80 kg	front/rear	kg 165/430
<b>Wheels / tyres</b>	<b>3.1</b>	Tyres		Solid rubber
	<b>3.2</b>	Tyre size	front	mm 300 x 92
	<b>3.3</b>	Tyre size,	rear	mm 300 x 92
	<b>3.4</b>	Auxiliary wheel size		mm -
	<b>3.5</b>	Wheels, number front/rear (x = drive)		1/x2
	<b>3.6</b>	Tread width	front/rear	b <sub>10</sub> /b <sub>11</sub> [mm]
<b>Dimensions</b>	<b>4.8</b>	Stand height	min./max.	h <sub>7</sub> [mm] 120/ 1025-1238
	<b>4.9</b>	Tiller height	min./max.	h <sub>14</sub> [mm] 1038-1116-1170
	<b>4.12</b>	Tow coupling height		h <sub>10</sub> [mm] 90-350
	<b>4.19</b>	Total length		l <sub>1</sub> [mm] 1400
	<b>4.21</b>	Total width		b <sub>1</sub> [mm] 692
	<b>4.32</b>	Ground clearance, center of wheel base		m <sub>2</sub> [mm] 60
	<b>4.35</b>	Turning radius		W <sub>a</sub> [mm] 1338
<b>Performance</b>	<b>5.1</b>	Travel speed forwards	with/without load	km/h 6/10
	<b>5.1.1</b>	Travel speed backwards	with/without load	km/h 4/4,5
	<b>5.5**</b>	Max. drawbar pull (S2 = 60 Min)	with/without load	N 1800
	<b>5.6**</b>	Max. drawbar pull (S2 = 5 Min)	with/without load	N 3200
	<b>5.8*</b>	Maximum slope (5 min)	with/without load	% 0/15
	<b>5.9</b>	Acceleration	with/without load	s 8/6
	<b>5.10</b>	Service brake		Electromagnetic
<b>Drive</b>	<b>6.1</b>	Drive motor output (S2 = 60 Min)	kW	1,7
	<b>6.4</b>	Battery voltage, nominal capacity	[V/Ah]	24/120
	<b>6.5</b>	Battery weight +/- 5%	kg	54
<b>Other</b>	<b>8.1</b>	Drive control		DC
	<b>10.7</b>	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.

