



## Technical datasheet

# RR3500-S

M030

# TECHNICAL DATA RR3500-S M030

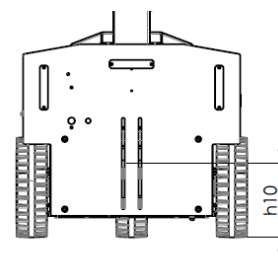
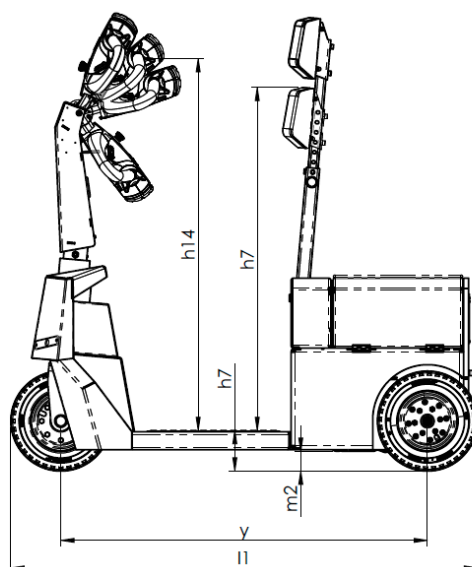
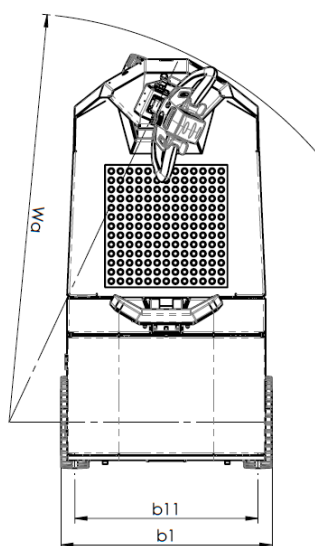
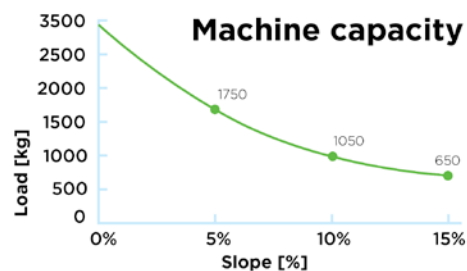
According to VDI 2198 in Metric units.

<b>Characteristics</b>	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		RR3500-S M030	
	1.3	Drive		Electric with LiFePO <sub>4</sub> battery	
	1.4	Operator type		Platform	
	1.5*	Rated capacity/rated load	Q [t]	3.5	
	1.7**	Rated drawbar pull	F [N]	1800	
	1.9	Wheelbase	y [mm]	1100	
<b>Wt</b>	2.1	Weight incl. battery	kg	505	
	2.3	Axle load without load	front/rear	kg	155/360
<b>Tyres/Chassis</b>	3.1	Tyres		Solid Rubber	
	3.2	Tyres size	front	mm	300x100
	3.3	Tyres size	rear	mm	300x100
	3.5	Wheels, number (x= driven)	front/rear		1/2x
	3.6	Tread	front/rear	b <sub>10</sub> /b <sub>11</sub> [mm]	-/608
	<b>Dimensions</b>	4.8	Stand height		mm
4.8.1		Backrest height	min./max.	h <sub>7</sub> [mm]	1025-1238
4.9		Tiller height	min./max.	h <sub>14</sub> [mm]	1038-1116-1170
4.12		Tow coupling height		h <sub>10</sub> [mm]	90-350
4.19		Total length		l <sub>1</sub> [mm]	1400
4.21		Total width		b <sub>1</sub> [mm]	708
4.32		Ground clearance, center of wheel base		m <sub>2</sub> [mm]	60
4.35		Turning radius		Wa [mm]	1338
<b>Performance</b>	5.1	Travel speeds	with/without load	km/h	6/8
	5.1.1	Travel speed backwards	with/without load	km/h	4/4.5
	5.5**	Max drawbar pull (S2 = 60 min)	with/without load	N	1800
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load	N	3200
	5.8*	Maximum slope (5 min)	with/without load	%	0/15
	5.9	Acceleration	with/without load	s	8/6
	5.10	Service brake			Electromagnetic
<b>Drive</b>	6.1	Drive motor output (S2 = 60 min)		kW	1.7
	6.4	Battery voltage/rated capacity		V/Ah	24/120
	6.5	Battery weight +/- 5%		kg	34
<b>Other</b>	8.1	Drive control			AC
	10.7	Sound level at operator's ear		dB(A)	<65

\* The maximum payload is affected by the type of slope, operating time and floor type. See the graphic below for an indication of the allowable slope to load ratio (depending on slope surface/wheel type/machine weight).

\*\* 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 drivable weight of the machine.

\*\*\* All values in this table have a tolerance of +/- 5%.



# TECHNICAL DATA RR3500-S M030

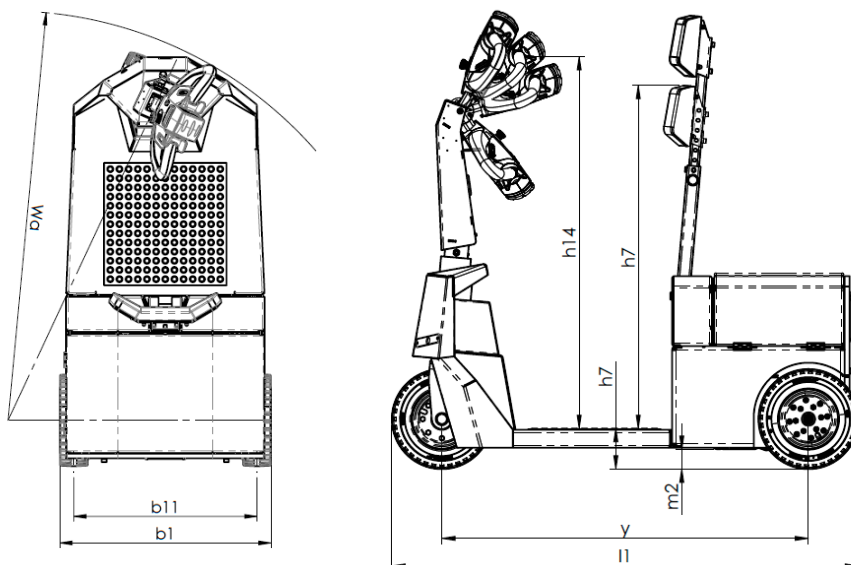
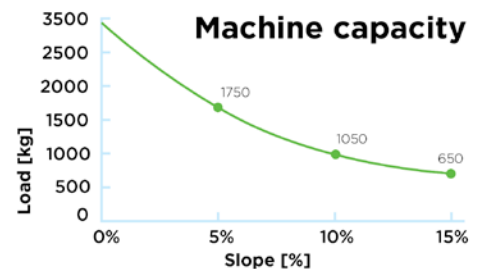
According to VDI 2198 in Imperial units.

<b>Characteristics</b>	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		RR3500-S M030	
	1.3	Drive		Electric with LiFePO <sub>4</sub> battery	
	1.4	Operator type		Platform	
	1.5*	Rated capacity/rated load	Q [tn(US)]	3.9	
	1.7**	Rated drawbar pull	F [lbf]	405	
1.9	Wheelbase	y [in]	43.5		
<b>Wt</b>	2.1	Weight incl. battery	lb	1113	
	2.3	Axle load without load	front/rear	lb	342/794
<b>Tyres/Chassis</b>	3.1	Tyres		Solid Rubber	
	3.2	Tyres size	front	in	11.8x3.9
	3.3	Tyres size	rear	in	11.8x3.9
	3.5	Wheels, number (x= driven)	front/rear		1/2x
	3.6	Tread	front/rear	b <sub>10</sub> /b <sub>11</sub> [in]	-/24
<b>Dimensions</b>	4.8	Stand height		in	4.7
	4.8.1	Backrest height	min./max.	h <sub>7</sub> [in]	40.5-48.5
	4.9	Tiller height	min./max.	h <sub>14</sub> [in]	41-44-46
	4.12	Tow coupling height		h <sub>10</sub> [in]	3.5-13.5
	4.19	Total length		l <sub>1</sub> [in]	55
	4.21	Total width		b <sub>1</sub> [in]	27
	4.32	Ground clearance, center of wheel base		m <sub>2</sub> [in]	2.4
	4.35	Turning radius		Wa [in]	53
<b>Performance</b>	5.1	Travel speeds	with/without load	mph	3.7/5.0
	5.1.1	Travel speed backwards	with/without load	mph	2.5/2.8
	5.5**	Max drawbar pull (S2 = 60 min)	with/without load	lbf	405
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load	lbf	720
	5.8*	Maximum slope (5 min)	with/without load	%	0/15
	5.9	Acceleration	with/without load	s	8/6
5.10	Service brake			Electromagnetic	
<b>Drive</b>	6.1	Drive motor output (S2 = 60 min)		hp	2.3
	6.4	Battery voltage/rated capacity		V/Ah	24/120
	6.5	Battery weight +/- 5%		lb	75
<b>Other</b>	8.1	Drive control			AC
	10.7	Sound level at operator's ear		dB(A)	<65

\* The maximum payload is affected by the type of slope, operating time and floor type. See the graphic below for an indication of the allowable slope to load ratio (depending on slope surface/wheel type/machine weight).

\*\* The maximum drawbar load on the hook [lbf] 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 drivable weight of the machine.

\*\*\* All values in this table have a tolerance of +/- 5%.



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