



Technical datasheet

RR1000-S

M100

TECHNICAL DATA RR1000-S M100

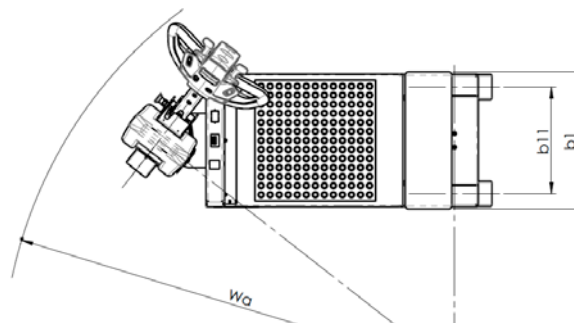
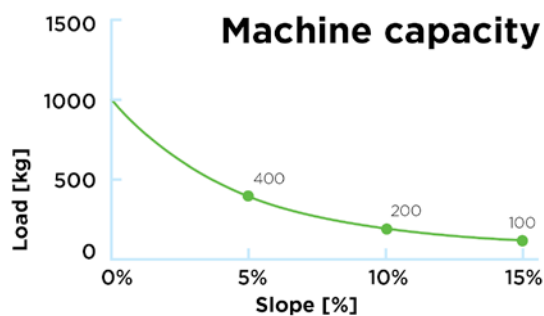
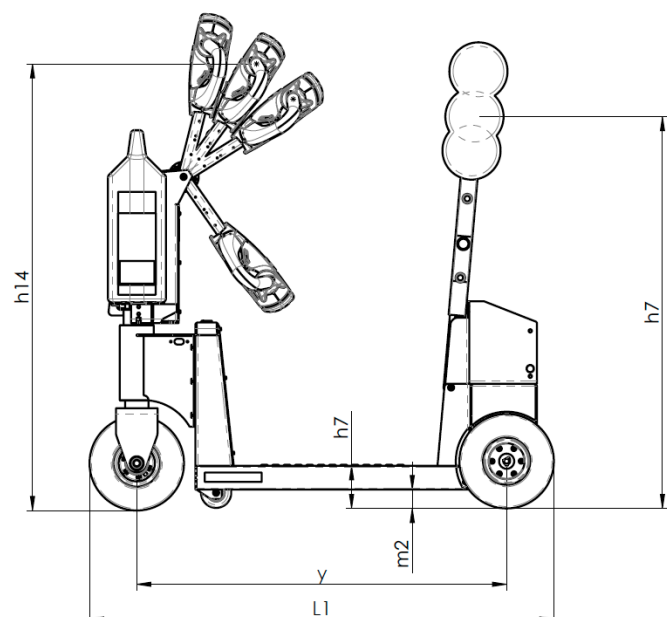
According to VDI 2198 in Metric units.

Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		RR1000-S M100	
	1.3	Drive		Electric with LiFePo ₄ battery	
	1.4	Operator type		Platform	
	1.5*	Rated capacity/rated load	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	
	2.3	Axle load with load (80kg person)	front/rear	kg	95/115
Tyres/Chassis	3.1	Tyres		Solid Rubber	
	3.2	Tyres size	front	mm	250x84
	3.3	Tyres size	rear	mm	250x84
	3.4	Auxiliary wheels size		mm	80
	3.5	Wheels, number (x = driven)	front/rear		1/x2
	3.6	Tread	front/rear	b ₁₀ / b ₁₁ [mm]	-/358
Dimensions	4.8	Stand height/Backrest height	min./max.	h ₇ [mm]	113 / 947-1157
	4.9	Tiller height	min./max.	h ₁₄ [mm]	1082-1174-1223
	4.12	Tow coupling height		h ₁₀ [mm]	180-85-275
	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		Wa [mm]	1500
Performance	5.1	Travel speeds	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 = 30 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/rated capacity		V/Ah	24V/40
	6.5	Battery weight +/- 5%		kg	12
Other	8.1	Drive control			DC
	10.7	Sound level at operator's ear		dB(A)	<68

* 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 driveable weight of the machine.

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



TECHNICAL DATA RR1000-S M100

According to VDI 2198 in Imperial units.

Characteristics	1.1	Manufacturer		Movexx International B.V.	
	1.2	Manufacturer's type designation		RR1000-S M100	
	1.3	Drive		Electric with LiFePo ₄ battery	
	1.4	Operator type		Platform	
	1.5*	Rated capacity/rated load	Q [tn(US)]	1.1	
	1.7**	Rated drawbar pull	F [lbf]	57	
	1.9	Wheelbase	y [in]	38.5	
Wt	2.1	Weight incl. battery	lb	287	
	2.3	Axle load with load (80kg person)	front/rear	lb	210/254
Tyres/Chassis	3.1	Tyres		Solid Rubber	
	3.2	Tyres size	front	in	9.8x3.3
	3.3	Tyres size	rear	in	9.8x3.3
	3.4	Auxiliary wheels size		in	3.2
	3.5	Wheels, number (x = driven)	front/rear		1/x2
	3.6	Tread	front/rear	b ₁₀ / b ₁₁ [in]	-/14
Dimensions	4.8	Stand height/Backrest height	min./max.	h ₇ [in]	4.5 / 37.5-45.5
	4.9	Tiller height	min./max.	h ₁₄ [in]	42.5-46-48
	4.12	Tow coupling height		h ₁₀ [in]	7-3.4-10.8
	4.19	Total length		l ₁ [in]	48.5
	4.21	Total width		b ₁ [in]	18
	4.32	Ground clearance, center of wheel base		m ₂ [in]	1.9
	4.35	Turning radius		Wa [in]	59
Performance	5.1	Travel speeds	with/without load	mph	4
	5.1.1	Travel speed backwards	with/without load	mph	1.8
	5.5**	Max drawbar pull (S2 = 30 min)	with/without load	lbf	57
	5.6**	Max drawbar pull (S2 = 5 min)	with/without load	lbf	141
	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)		hp	0.56
	6.4	Battery voltage/rated capacity		V/Ah	24V/40
	6.5	Battery weight +/- 5%		lb	27
Other	8.1	Drive control			DC
	10.7	Sound level at operator's ear		dB(A)	<68

* 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 driveable weight of the machine.

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

