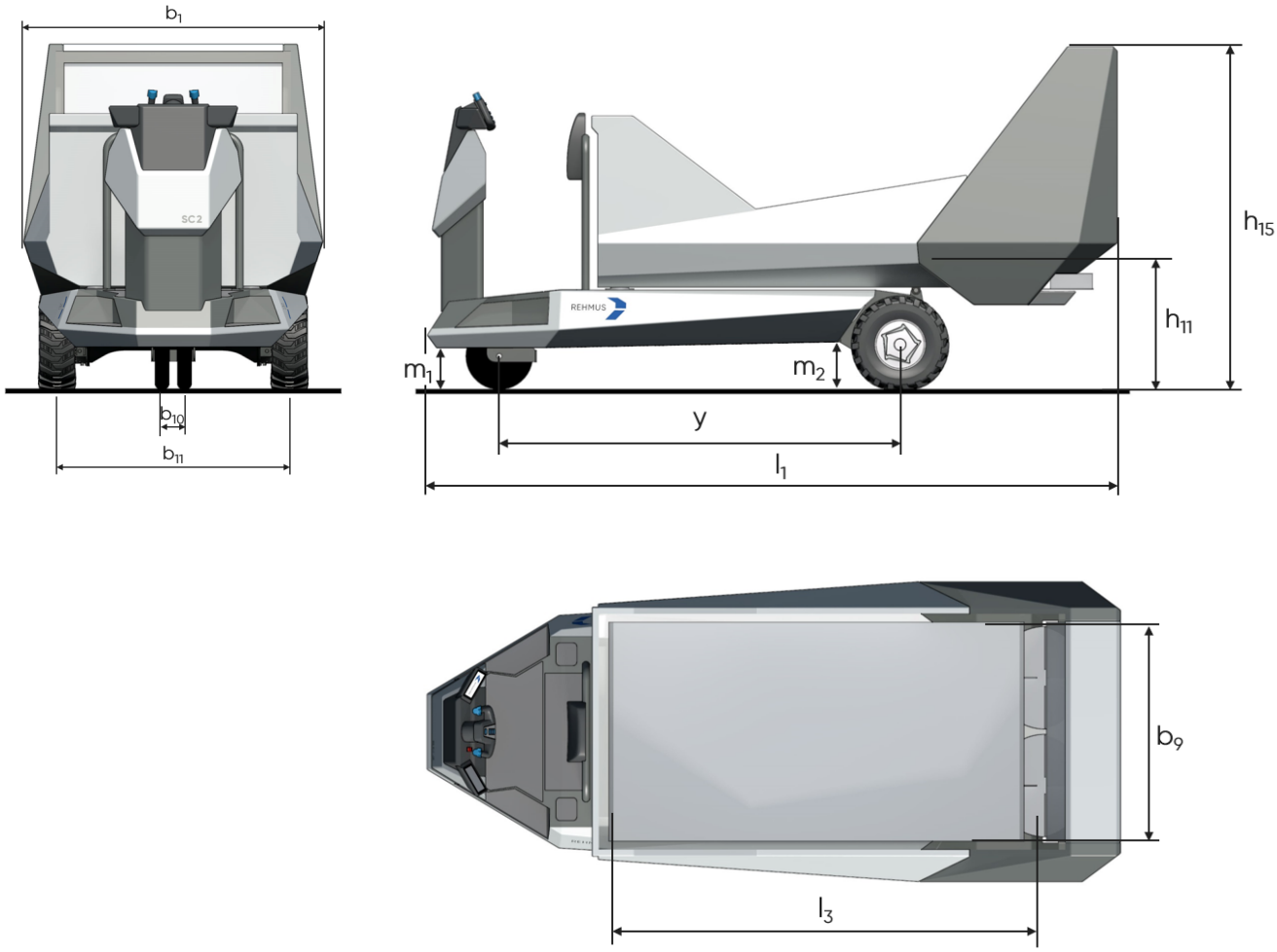
Rehmus e:Spreader

Battery-electric powered straw spreader

Technical Datasheet

- 100% battery-electric powered
- Intuitive single person operation
- Powerful 5.4kW drive motors with all-wheel option
- Large lithium-ion battery with a capacity of up to 32kWh
- Robust cutting mechanism with dedusting technology
- High-pressure tire cleaning and disinfection system optional available
- Takes square and round bales
- Integrated charger for 230V house grids

Technical data according to VDI 2198



At a glance

Overall Length	l_1	mm	4,650
Overall width	b_1	mm	1,880
Overall height	h_{15}	mm	2,235
Length of loading surface	l_3	mm	2,500
Width of loading surface	b_9	mm	1,480
Ground clearance, laden, at front	m_1	mm	250

					Walk:e	Walk:e:Spreader	Ride:e	Ride:e:Spreader
Identification	1.1	Manufacturer			Rehmus GmbH			
	1.2	Modell			Walk:e	Walk:e:Spreader	Ride:e	Ride:e:Spreader
	1.3	Drive			electric		electric	
	1.4	Operator Type			pedestrian		ride-on	
	1.5	Rated capacity	Q	kg	3,000	800	3,000	800
	1.7	Rated drawbar pull	F	N	6,500	-	10,000	-
	1.9	Wheelbase	y	mm	2,805			
Weights	2.1	Service weight incl. Battery (16 kWh)		kg	880	2,400	1,050	2,570
	2.2	Axle loading, laden front/rear		kg	-	-	-	-
	2.3	Axle loading, unladen front/rear		kg	350 / 530	320 / 2,080	520 / 530	490 / 2,080
Wheels/Chassis	3.1	Tires, front/rear			solid rubber / air-filled rubber		solid rubber / air-filled rubber	
	3.2	Tire size, front		mm	402 / 30-90K		343 / 140	
	3.3	Tire size, rear		inch	26x12-12		26x12-12	
	3.5	Wheels, number front/rear (x = driven wheels)			2 / 2x		1x / 2x	
	3.6	Tread width, front	b_{10}	mm	130		-	

	3.7	Tread width, rear	b_{11}	mm	1,380		1,380	
Dimensions	4.2.1	Overall height	h_{15}	mm	1,500	2,235	1,780	2,235
	4.9	Height of tiller in drive position min./max.	h_{14}	mm	750/1,410		-	
	4.13	Loading height, unladen	h_{11}	mm	585	920	585	920
	4.16	Length of loading surface	l_3	mm	-	2,500	-	2,500
	4.18	Width of loading surface	b_9	mm	-	1,480	-	1,480
	4.19	Overall length	l_1	mm	3,600	4,650	3,600	4,650
	4.21	Overall width	b_1	mm	1,600	1,880	1,600	1,880
	4.31	Ground clearance, laden, at front	m_1	mm	250		250	
	4.32	Ground clearance, center of wheelbase	m_2	mm	300		300	
	4.35	Turning radius (70 deg. steering angle)	W_a	mm	3,144		3,144	
Performance	5.1	Travel speed		km/h	6.0		18.0	
	5.6	Max. drawbar pull	F	N	6,500	-	10,000	-
	5.8	Max. gradeability, laden/unladen		%	10/20	10/20	10/20	10/20
	5.10	Service brake / Parking brake			regenerative / magnetic		regenerative / magnetic	
Electrics	6.1	Drive motor rating S2 60 min		kW	5.4 / 5.4		5.4 / 5.4 / 6.4	
	6.2	Work module motors		kW		1.0 / 1.0 / 0.5 / 5.4		1.0 / 1.0 / 0.5 / 5.4
	6.3	Battery type			Li-Ion		Li-Ion	
	6.4	Battery voltage		V	51.2		51.2	

		Battery, nominal capacity		Ah	160 / 320 / 640	160 / 320 / 640
		Battery, nominal capacity		kWh	8.2 / 16.4 / 32.8	8.2 / 16.4 / 32.8
	6.5	Battery weight		kg	60 / 115 / 230	60 / 115 / 230
Misc.	8.1	Type of drive control			AC speedCONTROL	AC speedCONTROL
	10.7	Sound pressure level at operator's ear as per EN1205		dB (A)	86	86

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