

TECHNICAL SPECIFICATIONS SHEET

RIDER 1201



TECHNICAL SPECIFICATIONS		RIDER 1201 EB	RIDER 1201 SH
MAIN SPECIFICATIONS	Cleaning path with two side brushes	1.200 mm	
	Cleaning path with side brush	950 mm	
	Cleaning path with main brush	700 mm	
	Hourly performance with 2 side brushes	9.240 m ² /h	10.200 m ² /h
	Hourly performance with side brush	7.315 m ² /h	8.075 m ² /h
	Hourly performance with main brush	5.390 m ² /h	5.950 m ² /h
	Forward speed	0 - 7,7 km/h	0 - 8,5 km/h
	Reverse speed	0 - 4,5 km/h	0 - 4,8 km/h
	Dirt container capacity	85 L	
	Maximum working gradient	4 %	15 %
	Maximum gradient	15 - 18 %	20 - 25 %
	Turning radius	1.050 mm	
DIMENSIONS AND WEIGHT	Dimensions (with 2 side brushes)	1.560 x 1.200 x 1.250 mm	
	Dimensions (with side brush)	1.560 x 1.070 x 1.250 mm	
	Dimensions (without side brush)	1.430 x 967 x 1.250 mm	
	Weight	305 kg	340 kg
	Weight (with type A batteries)	435,4 kg	\
	Weight (with type B batteries)	429 kg	\
	Packaging dimensions	1.560 x 1.100 x 1.100 mm	
	Packaging weight	40 kg	
Packaging volume	1,89 m ³		
BRUSHES	Main brush dimensions	700 x Ø 285 mm	
	Main brush RPM	500 - 520 RPM	560 - 580 RPM
	Side brush diameter	500 mm	
	Side brush RPM	79 RPM	
TRACTION SYSTEM	Traction type	Forward and reverse traction via front drive wheel, electronically controlled	Hydraulic front wheel drive
	Traction pump	\	Hydro Gear 10 cc
	Hydraulic traction motor model	\	MRW125KB - 125 cc
	Oil	\	SAE5 W30 (7,5 L)
	Oil filter capacity	\	30 L/min
	Oil filter - filtering grade	\	33 absolute microns
	Traction motor model	24V - 850 W - 45A - IP44	\
	Accelerator type	Single pedal with forward / reverse gear selector	
PRIMARY ELECTRIC MOTOR	Primary motor model	24V - 1200 W - 1,2 kW - IP20	\

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ENGINE	Stroke engine	\	Honda 6,5 hp
	Volts	\	12 V
	Fuel tank capacity	\	3,1 L
	Fuel consumption (machine working)	\	1,51 L/h
	Autonomy with full tank	\	2 h
	Oil	\	SAE15 W40
BATTERIES	Batteries	4 x 6V / 1 x 24V	\
	Battery tray dimensions	Battery tray 'L' shaped - please request diagram	\
TYPE A BATTERIES	Type	4 lead acid batteries 6V 240A (20H) - 180A (5H)	\
	Dimensions ea.	242 x 190 x 285 mm	\
	Weight (with acid) ea.	32,6 kg	\
	Autonomy (theoretical)	3 h	\
TYPE B BATTERIES	Type	4 gel batteries 6V 180A (5H)	\
	Dimensions ea.	242 x 190 x 285 mm	\
	Weight ea.	31 kg	\
	Autonomy (theoretical)	2 h 45 min	\
TYPE C BATTERIES	Type	1 lead acid battery 24V 240A (5H) with auto watering system	\
	Dimensions ea.	Please request diagram	\
	Weight (with acid) ea.	219 kg	\
	Autonomy (theoretical)	4 h	\
TYPE D BATTERIES	Type	1 gel battery 24V 220A (5H)	\
	Dimensions ea.	Please request diagram	\
	Weight ea.	220 kg	\
	Autonomy (theoretical)	3 h	\
FILTER SYSTEM	Filter type (standard)	Polyester MultiPocket® filter, class L	
	Total surface area	4 m ²	
	Filter shaker mechanism	Electronic	
	Filter type (optional)	Polyester MultiPocket® filter, with a polyurethane coating, T452 NOVATES, 470 g/m ² , class M	
WHEELS	Type of wheels	Solid rubber, non-marking	
	Front wheel	One wheel in natural rubber, Ø 250 x 101 mm	One wheel in polyurethane, Ø 250 x 90 mm
	Rear wheels	Two super elastic wheels, Ø 250 x 80 mm	
	Brakes	Drum brakes on rear wheels	
	Number of wheels	3	
SOUND LEVEL (MEASURED ACCORDING TO ISO 3744)	Average acoustic pressure level L _{pm}	72 dB	83 dB
	Sound level L _{wa}	87 dB	98 dB
	Granted sound level L _{wa,g}	90 dB	101 dB
	Sound level at operator's ear	74 dB	77 dB