

TECHNICAL SPECIFICATIONS SHEET

XTREMA



TECHNICAL SPECIFICATIONS		XTREMA EB	XTREMA HDK	
MAIN SPECIFICATIONS	Cleaning path with two side brushes		1.400 mm	
	Cleaning path with side brush		1.100 mm	
	Cleaning path with main brush		800 mm	
	Hourly performance with 2 side brushes	11.200 m ² /h		12.600 m ² /h
	Hourly performance with side brush	8.800 m ² /h		9.900 m ² /h
	Hourly performance with main brush	6.400 m ² /h		7.200 m ² /h
	Forward speed	0 - 8 km/h		0 - 9 km/h
	Reverse speed	0 - 4,5 km/h		0 - 5 km/h
	Dirt container volume			130 L
	Dirt container capacity			150 kg
	High dump height			1.350 mm
	Maximum working gradient			15 %
	Maximum gradient	15 %		20 %
	Turning radius			1.600 mm
	U-turn space			2.750 mm
DIMENSIONS AND WEIGHT	Dimensions (with 2 side brushes)	1.695 x 1.400 x 1.480 mm		
	Dimensions (with side brush)	1.695 x 1.262 x 1.480 mm		
	Dimensions (without side brush)	1.590 x 1.125 x 1.480 mm		
	Height with overhead guard	2.115 mm		
	Weight	620 kg		790 kg
	Weight (with type A batteries)	920 kg		\
	Weight (with type B batteries)	940 kg		\
	Packaging dimensions	1.270 x 1.750 x 1.670 mm		
	Packaging weight	85 kg		
Packaging volume	3,71 m ³			
BRUSHES	Main brush dimensions	800 x Ø 310 mm		
	Main brush RPM	520 RPM		550 RPM
	Side brush diameter	550 mm		
	Side brush RPM	85 RPM		
TRACTION SYSTEM	Traction type	Forward and reverse traction via front drive wheel wheel, electronically controlled	Hydraulic front wheel drive	
	Traction motor model	24V - 900 W - 3000 RPM	\	
	Hydraulic traction motor model	\	EATON 2000 series, 200 cm ³	
	Traction pump	\	Variable displacement piston pump (14cm ³) with hydraulic servo control	
	Accelerator type	Double pedal		
PRIMARY ELECTRIC MOTOR	Primary motor model	24V - 2000 W - 150 A - 2900 RPM	\	

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ENGINE	Engine model	\	Kubota Z602E two cylinder, liquid cooled, diesel engine 600 cc
	Maximum output	\	16,8 Hp 12,5 Kw
	Power used	\	15 Hp 11 Kw (3.000 RPM)
	Electric starter	\	12V (automotive type)
	Starter battery	\	12V - 74 A
	Engine air filter	\	VORTEX cyclone + double cartridge filter
	Fuel tank capacity	\	11,2 L
	Fuel consumption (3000 rpm)	\	1,4 - 1,25 L/h
	Autonomy with full tank	\	8 - 9 h
	Reserve fuel indicator	\	Present
	Liquid cooling	\	50 + 50 %
	Oil	\	Total Rubia 7400 15W40
	Carter oil quantity	\	2,5 L
	BATTERIES	Batteries	1 x 24 V
Battery tray dimensions		415 x 514 x 513 mm	\
TYPE A BATTERIES	Type	1 lead acid battery 24V 360A (5H) with auto watering system, 1500 cycles	\
	Dimensions ea.	Please request diagram	\
	Weight (with acid) ea.	300 kg	\
	Autonomy (theoretical)	3 h 30 min	\
TYPE B BATTERIES	Type	1 gel battery 24V 320A (5H)	\
	Dimensions ea.	415 x 514 x 513 mm	\
	Weight ea.	320 kg	\
	Autonomy (theoretical)	2 h 30 min	\
HYDRAULIC SYSTEM	Hydraulic oil type	MOBIL HYDRO HV 46	
	Oil tank capacity	5,5 L	16 L
	Total hydraulic system capacity	6,5 L	20 L
	Oil flow	4 L/min	49 L/min
	Hydraulic oil filter	ARGO (30 L)	ARGO (80 L)
	Filtering capacity	33 absolute microns	15 absolute microns
	Particle retention capacity	5 gr	25 gr
	Traction motor	\	EATON 2000 series, 200 cm ³
	Side brush motor	\	EATON H series hydraulic motors, 100 cm ³
	Main brush motor	\	EATON J series hydraulic motors 20 cm ³
	Vacuum fan motor	\	MZ hydraulic gear motor (3.5 cm ³)
	Traction pump	\	Variable displacement piston pump (14cm ³) with hydraulic servo control
	Main brush and side brush pump	\	HP gear pump (4.35 cm ³)
	Vacuum fan pump	\	HP gear pump (6 cm ³)
	Dirt container pump	Gear pump (1,4 cm ³)	\

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FILTER SYSTEM	Filter type (standard)	Polyester MultiPocket® filter, T452 KLEENTES, 450 g/m ² , class L	
	Total surface area	6 m ²	
	Vacuum depression	160 mm/H ² O	210 mm/H ² O
	Vacuum capacity	690 m ³ /h	802 m ³ /h
	Filter type (optional)	Polyester MultiPocket® filter, with a polyurethane coating, T452 NOVATES, 470 g/m ² , class M	
	Filter shaker mechanism	Electronic	
WHEELS	Type of wheels	Solid rubber, super elastic, non-marking	
	Front wheel	Ø 254 x 100 mm	Ø 303 x 90 mm
	Rear wheels	Ø 303 x 90 mm	
	Brakes	Drum brakes on rear wheels Ø 125 x 25 mm	
	Number of wheels	3	
SOUND LEVEL (MEASURED ACCORDING TO ISO 3744)	Average acoustic pressure level L _{pm}	73 dB	84,5 dB
	Sound level L _{wa}	87 dB	101 dB
	Granted sound level L _{wa,g}	90 dB	105 dB
	Sound level at operator's ear	72 dB	82 dB