

TECHNICAL SPECIFICATIONS SHEET

KOBRA



TECHNICAL SPECIFICATIONS		KOBRA EB	KOBRA SH
MAIN SPECIFICATIONS	Cleaning path with side brush		780 mm
	Cleaning path with main brush		550 mm
	Hourly performance with side brush		3.510 m ² /h
	Hourly performance with main brush		2.475 m ² /h
	Forward speed		0 - 4,5 km/h
	Dirt container capacity		40 L
	Maximum working gradient		2 %
	Maximum gradient		15 %
DIMENSIONS AND WEIGHT	Dimensions (with side brush)	1.555 x 835 x 980 mm	
	Dimensions (without side brush)	1.320 x 735 x 980 mm	
	Weight	91 kg	98 kg
	Weight (with type A batteries)	127 kg	\
	Weight (with type B batteries)	131 kg	\
	Packaging dimensions	1.340 x 840 x 950 mm	
	Packaging weight	33 kg	
	Packaging volume	1,07 m ³	
BRUSHES	Main brush dimensions	550 x Ø 265 mm	
	Main brush RPM	480 RPM	
	Side brush diameter	450 mm	
	Side brush RPM	80 RPM	
TRACTION SYSTEM	Traction type	Mechanical - on rear wheels	
	Accelerator type	Lever	
PRIMARY ELECTRIC MOTOR	Primary motor	12V - 600W	\
ENGINE	Stroke engine	\	Honda GC160A-QHE2
	Maximum output	\	4,6 hp 3,4 Kw
	Power used	\	4 hp 3 Kw (3.000 - 3.100 RPM)
	Fuel tank capacity	\	1,8 L
	Fuel consumption (machine working)	\	0,4 L/h
	Autonomy with full tank	\	4 h 30 min
	Oil	\	SAE 15W40
BATTERIES	Batteries	1 x 12 V	\
	Battery tray dimensions	345 x 174 x 300 mm	\
TYPE A BATTERIES	Type	1 lead acid battery 12V 158A (20H) - 110A (5H)	\
	Dimensions ea.	345 x 170 x 285 mm	\
	Weight (with acid) ea.	36 kg	\
	Autonomy (theoretical)	2 h	\

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TYPE B BATTERIES	Type	1 gel battery 12V 105A (5H)	\
	Dimensions ea.	345 x 170 x 285 mm	\
	Weight ea.	40 kg	\
	Autonomy (theoretical)	1 h 45 min	\
TYPE C BATTERIES	Type	1 lead acid battery 12V 105A (20H) - 85A (5H)	\
	Dimensions ea.	308 x 174 x 225 mm	\
	Weight (with acid) ea.	27 kg	\
	Autonomy (theoretical)	1 h 30 min	\
FILTER SYSTEM	Filter type (standard)	Polyester MultiPocket® filter, PE/PE 401, 400 g/m ² class L	
	Total surface area	2 m ²	
	Filter shaker mechanism	Mechanical	
	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	Ø 125 mm	
	Rear wheels	Ø 160 mm	
	Brakes	Mechanical - on front wheel	
	Number of wheels	3	
SOUND LEVEL (MEASURED ACCORDING TO ISO 3744)	Average acoustic pressure level L _{pm}	65 dB	78 dB
	Sound level L _{wa}	78 dB	93 dB
	Granted sound level L _{wa,g}	81 dB	96 dB
	Sound level at operator's ear	64 dB	77 dB