

TECHNICAL SPECIFICATIONS SHEET

TIGRA



TECHNICAL SPECIFICATIONS		TIGRA EB
MAIN SPECIFICATIONS	Cleaning path with two side brushes	1.055 mm
	Cleaning path with side brush	850 mm
	Cleaning path with main brush	650 mm
	Hourly performance with 2 side brushes	5.800 m ² /h
	Hourly performance with side brush	4.675 m ² /h
	Hourly performance with main brush	3.575 m ² /h
	Forward speed	0 - 5,5 km/h
	Reverse speed	0 - 3,6 km/h
	Dirt container volume	63 L
	Dirt container capacity	80 kg
	Maximum working gradient	8% (for 5 minutes)
Maximum gradient	10% forward, 20% in reverse	
Turning radius	950 mm	
DIMENSIONS AND WEIGHT	Dimensions (with 2 side brushes)	1.380 x 1.055 x 1.215 mm
	Dimensions (with side brush)	1.380 x 932,5 x 1.215 mm
	Dimensions (without side brush)	1.270 x 810 x 1.215 mm
	Weight	160 kg
	Weight (with type A batteries)	232 kg
	Weight (with type B batteries)	240 kg
	Packaging dimensions	1.520 x 950 x 1.100 mm
	Packaging weight	40 kg
Packaging volume	1,59 m ³	
BRUSHES	Main brush dimensions	650 x Ø 265 mm
	Main brush RPM	460 RPM
	Side brush diameter	450 mm
	Side brush RPM	75 RPM
TRACTION SYSTEM	Traction type	Forward and reverse traction via front drive wheel, electronically controlled
	Traction motor model	24V - 400 W - 22A - 165 RPM - IP44
	Accelerator type	Accelerator on handlebar with forward / reverse gear selector
PRIMARY ELECTRIC MOTOR	Primary motor model	24V - 600 W - 3500 RPM - IP20
BATTERIES	Batteries	2 x 12V / 4 x 6V
	Battery tray dimensions	448 x 448 x 275 mm
TYPE A BATTERIES	Type	2 lead acid batteries 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	2 gel batteries 12V 158A - 105A (5H)	
	Dimensions ea.	345 x 170 x 285 mm	
	Weight ea.	40 kg	
	Autonomy (theoretical)	1 h 30 min	
TYPE C BATTERIES	Type	4 lead acid batteries 6V 240A (20H) - 180A (5H)	
	Dimensions ea.	242 x 190 x 285 mm	
	Weight ea.	32,6 kg	
	Autonomy (theoretical)	3 h	
TYPE D BATTERIES	Type	4 gel batteries 6V 180A (5H)	
	Dimensions ea.	242 x 190 x 285 mm	
	Weight ea.	31 kg	
	Autonomy (theoretical)	3 h	
FILTER SYSTEM	Filter type (standard)	Polyester MultiPocket® filter class L, PE/PE 401, 400 g/m ²	
	Total surface area	3 m ²	
	Vacuum depression	150 mm/H ² O	
	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, super elastic, non-marking	
	Wheels	Ø 200 mm	
	Brakes	Mechanical service brake and handbrake on front wheel	
	Number of wheels	3	
SOUND LEVEL (MEASURED ACCORDING TO ISO 3744)	Average acoustic pressure level L _{pm}	71 dB	
	Sound level L _{wa}	85 dB	
	Granted sound level L _{wa,g}	88 dB	
	Sound level at operator's ear	70 dB	