

TECHNICAL SPECIFICATIONS SHEET

E100



TECHNICAL SPECIFICATIONS		E100 ECO
MAIN SPECIFICATIONS	Cleaning path	1.000 mm
	Hourly performance	7.500 m ² /h
	Brush pressure	A: 55 kg - B: 75 kg
	Solution tank capacity	120 L
	Recovery tank capacity	135 L
	Forward speed	0 - 7,5 km/h
	Reverse speed	0 - 4,5 km/h
	Maximum working gradient	8 %
	Maximum gradient	18 %
	Turning radius	970 mm
DIMENSIONS AND WEIGHT	Dimensions (without squeegee)	1.535 x 1.060 x 1.450 mm
	Width (with squeegee)	1.120 mm
	Weight	373 kg
	Weight (with type A batteries)	643 kg
	Weight (with type B batteries)	633 kg
	Packaging dimensions	1.270 x 1.750 x 1.670 mm
	Packaging weight	85 kg
	Packaging volume	3,71 m ³
BRUSH HEAD	Brush dimensions	Ø 460 - 480 mm
	Pad size (only with pad holder)	480 mm / 19"
	Brush motor	Gear motor: 24V - 650 W - 150 RPM - IP 20
ACTUATORS	Brush deck actuator	24V - 5 A - Max 3000 N - lift 73 mm - speed 13mm/s
	Squeegee actuator	24V - 5 A - Max 3000 N - lift 49 mm - speed 13mm/s
TRACTION SYSTEM	Traction type	Forward and reverse traction via front drive wheel, electronically controlled
	Traction motor	24V - 900 W - IP 20 - 3500/3600 RPM
	Front wheel RPM (machine unloaded)	170 - 175 RPM
BATTERIES	Batteries	1 x 24 V / 4 x 6 V
	Battery tray dimensions	615 x 418 x 390 mm
TYPE A BATTERIES	Type	1 lead acid battery 24V 300A (5H) with auto watering system
	Dimensions ea.	615 x 418 x 376 mm
	Weight (with acid) ea.	270 kg
	Autonomy (theoretical)	3 h 40 min
TYPE B BATTERIES	Type	1 gel battery 24V 275A (5H)
	Dimensions ea.	615 x 418 x 376 mm
	Weight (with acid) ea.	260 kg
	Autonomy (theoretical)	3 h

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TYPE C BATTERIES	Type	4 lead acid batteries 6V 240A (20H) - 180A (5H)
	Dimensions ea.	242 x 190 x 128 mm
	Weight (with acid) ea.	32,6 kg
	Autonomy (theoretical)	1 h 40 min
TYPE D BATTERIES	Type	4 gel batteries 6V 180A (5H)
	Dimensions ea.	242 x 190 x 285 mm
	Weight ea.	31 kg
	Autonomy (theoretical)	1 h 40 min
TYPE E BATTERIES	Type	4 gel batteries 6V 250A (5H)
	Dimensions	305 x 180 x 365 mm
	Weight ea.	48 kg
	Autonomy (theoretical)	2 h 30 min
BATTERY CHARGER	Model	24V - 30 A - IP 30 (230 Volt (+ / - 10%) 50/60 Hz input voltage)
	Settings	Calibrated for lead acid, AGM / gel, or gel Sonnenschein batteries. The setting can be subsequently changed.
SOLUTION FLOW	Solution pump model	24V - 120 W - 2 - 5 A
	Flow rate	Level 1: 4,0 L/min Level 2: 5,5 L/min Level 3: 6,5 L/min Level 4: 8,0 L/min Level 5: 12,0 L/min
VACUUM SYSTEM	Vacuum motor	3 stage - 24V - 550 W - 25 A
	Water pick up	1.250 mm/H ² O
	Standard filter	Stainless steel mesh
WHEELS	Front wheel	Ø 254 x 100 mm - solid rubber, super elastic, non-marking and oil resistant. Hub made of steel coated in polyurethane
	Rear wheels	Ø 300 x 70 mm - solid rubber, super elastic, non-marking and oil resistant. Hub made of nylon coated in polyurethane.
	Brakes	Drum brakes on rear wheels
SOUND LEVEL (MEASURED ACCORDING TO ISO 3744)	Maximum sound level	66,5 dB
	Sound level at operator's ear	64,7 dB