

TECHNICAL SPECIFICATIONS SHEET

E110



TECHNICAL SPECIFICATIONS		E110-D ECO	E110-R ECO
MAIN SPECIFICATIONS	Cleaning path	1.100 mm	
	Hourly performance	8.800 m²/h	
	Cleaning path with extendable side brush for scrubbing	1.400 mm	
	Hourly performance with extendable side brush for scrubbing	11.200 m²/h	
	Cleaning path with two fixed side brushes for sweeping	\	1.380 mm
	Hourly productivity with two fixed side brushes for sweeping	\	11.040 m²/h
	Brush pressure	A: 60 - B: 100 kg	45 kg
	Solution tank capacity	220 L	
	Recovery tank capacity	240 L	
	Dirt container capacity	\	20 L
	Forward speed	0 - 8,0 km/h	
	Reverse speed	0 - 4,5 km/h	
	Maximum working gradient	11 %	
	Maximum gradient	19 %	
	Turning radius	1.125 mm	
DIMENSIONS AND WEIGHT	Dimensions (without squeegee)	1.940 x 1.150 x 1.640 mm	1.940 x 1.170 x 1.640 mm
	Dimensions (without squeegee, with side brush)	2.110 x 1.170 x 1.640 mm	
	Dimensions (without squeegee, with side brushes)	\	2.030 x 1.380 x 1.640 mm
	Width (with squeegee)	1.260 mm	
	Weight	680 kg	720 kg
	Weight (with type A batteries)	1.160 kg	1.200 kg
	Packaging dimensions	2.270 x 1.360 x 1.770 mm	
	Packaging weight	115 kg	
	Packaging volume	5,46 m³	
BRUSH HEAD	Brush dimensions	Ø 508 - 520 mm	Ø 180 - 980 mm
	Pad size (only with pad holder)	530 mm / 21"	\
	Brush motor	Gear motor: 36V - 700W - 19.5A - 200 RPM - IP 20	Electric motor: 36V - 950W - 32A - 1700 RPM - IP 20
	Brush RPM	200 RPM	700 RPM

TECHNICAL SPECIFICATIONS		E110-D ECO	E110-R ECO
ACTUATORS	Brush deck actuator	36V - IP44 - 2 A (in ascent) - 0,9 A (in descent with extra pressure) Max 3000 N - lift 130mm - speed 13mm/s	36V - IP44 - 2A (in ascent) - 0,9A (in descent with extra pressure) Max 3000 N - lift 37 mm - speed 13 mm/s
	Squeegee actuator	36V - IP44 - 2A (in ascent) - 1A (in descent) Max 3000 N - lift 70 mm - speed 13 mm/s	
	Tank cover actuator	36V - IP44 - 1,3A (in ascent) - 0,6 A (in descent) Max 1500 N - lift 150 mm - speed 10 mm/s	
	Ecosystem cleaning device actuator	36V - IP44 - 1A (in ascent) - 0,5 A (in descent) Max 800 N - lift 24 mm - speed 16 mm/s	
	Actuator for right, extendible side brush	36V - IP44 - Max 3000 N - lift 115 mm - speed 13 mm/s	
	Actuators for right and left, fixed side brushes	\	36V - IP44 - Max 800 N - lift 65 mm - speed 16 mm/s
TRACTION SYSTEM	Traction type	Forward and reverse traction via front drive wheel, electronically controlled	
	Traction motor	36V - 2600W - 90A - IP 20 - 4060 RPM	
	Front wheel RPM (machine unloaded)	160 RPM	
BATTERIES	Batteries	1 x 36 V	
	Battery tray dimensions	614 x 620 x 458 mm	
TYPE A BATTERIES	Type	1 lead acid battery 36V 400A (5H) with auto watering system	
	Dimensions ea.	614 x 620 x 458 mm	
	Weight (with acid) ea.	480 kg	
	Autonomy (theoretical)	4 h	
TYPE B BATTERIES	Type	1 gel battery 360V 350A (5H)	
	Dimensions ea.	614 x 620 x 458 mm	
	Weight ea.	490 kg	
	Autonomy (theoretical)	3 h 30 min	
BATTERY CHARGER	Model	230V (+ / - 15%) 50/60 Hz	
	Settings	Calibrated for lead acid, AGM / gel, or gel Sonnenschein batteries. The setting can be subsequently changed.	
SIDE BRUSH SYSTEM	Side brush dimensions (for scrubbing)	Ø 330 - 370 mm	\
	Side brush pad dimensions (for scrubbing)	355 / 14" mm	\
	Side brush dimensions (for sweeping)	\	Ø 418 mm
	Side brush dimensions (fixed, for sweeping)	\	Ø 418 mm
	Motor model	36V - 400 W - 240 RPM - IP20	36V - 200 W - IP20
SOLUTION FLOW	Solution pump model	24V - 150 W - 1 ~ 5 A	
	Flow rate	Level 1: 7,0 L/min Level 2: 8,0 L/min Level 3: 10,0 L/min Level 4: 12,5 L/min Level 5: 16,0 L/min	Level 1: 6,0 L/min Level 2: 7,0 L/min Level 3: 8,0 L/min Level 4: 9,5 L/min Level 5: 13,0 L/min
	Dosing system pump	24V - 32 W - 2 - 3 A	
VACUUM SYSTEM	Vacuum motor	3 stage - 36V - 600 W - 17 A	
	Water pick up	1.800 mm/H ₂ O	
	Standard filter	Stainless steel mesh	
WHEELS	Front wheel	Ø 300 x 100 mm - solid rubber, super elastic, non-marking and oil resistant. Hub made of steel coated in polyurethane	
	Rear wheels	Ø 300 x 100 mm - solid rubber, super elastic, non-marking and oil resistant. Hub made of nylon coated in polyurethane	
	Brakes	Drum brakes (Ø 160mm) on rear wheels	
SOUND LEVEL (MEASURED ACCORDING TO ISO 3744)	Maximum sound level	67,42 dB	
	Sound level at operator's ear	67,5 dB	