

# TECHNICAL SPECIFICATIONS SHEET

# E83



TECHNICAL SPECIFICATIONS		E83 TRAC M
<b>MAIN SPECIFICATIONS</b>	Cleaning path	830 mm
	Hourly performance	4.980 m <sup>2</sup> /h
	Brush pressure	59 kg
	Solution tank capacity	110 L
	Recovery tank capacity	125 L
	Forward speed	0 - 6 km/h
	Reverse speed	0 - 3 km/h
	Maximum working gradient	10 %
	Maximum gradient	20 %
	Turning radius	1.560 mm
<b>DIMENSIONS AND WEIGHT</b>	Dimensions (without squeegee)	1.425 x 840 x 1.243 mm
	Width (with squeegee)	1.040 mm
	Weight	235 kg
	Weight (with type A batteries)	365 kg
	Weight (with type B batteries)	359 kg
	Packaging dimensions	1.630 x 900 x 1.420 mm
	Packaging weight	39 kg
	Packaging volume	2,08 m <sup>3</sup>
<b>BRUSH HEAD</b>	Brush dimensions	∅ 380 - 415 mm
	Pad size (only with pad holder)	406 mm / 16"
	Brush motor	Gear motor: 24V - 500 W - 25A - 200 RPM - IP 20
<b>TRACTION SYSTEM</b>	Traction type	Forward and reverse traction via front drive wheel, electronically controlled
	Traction motor	24V - 900 W - 46 A
	Front wheel RPM (machine unloaded)	110 - 120 RPM
<b>BATTERIES</b>	Batteries	4 x 6 V
	Battery tray dimensions	531 x 385 x 290 mm
<b>TYPE A BATTERIES</b>	Type	4 lead acid batteries 6V 240A (20H) - 180A (5H)
	Dimensions ea.	242 x 190 x 285 mm
	Weight (with acid) ea.	32,6 kg
	Autonomy (theoretical)	3 h 30 min
<b>TYPE B BATTERIES</b>	Type	4 gel batteries 6V 180A (5H)
	Dimensions ea.	242 x 190 x 285 mm
	Weight ea.	31 kg
	Autonomy (theoretical)	3 h 15 min
<b>BATTERY CHARGER</b>	Model	24V - 30 A (220 - 240 Volt 50/60 Hz input voltage)
	Settings	Calibrated for lead acid, AGM / gel, or gel Sonnenschein batteries. The setting can be subsequently changed by purchasing a programmer

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<b>SOLUTION FLOW</b>	Solution control	Manual control for solution flow + solenoid valve
	Flow rate	0 - 3,5 L/min
<b>VACUUM SYSTEM</b>	Vacuum motor	3 stage - 24V - 550 W - 25 A
	Water pick up	1.250 mm/H <sup>2</sup> O
	Standard filter	Stainless steel mesh
<b>WHEELS</b>	Front wheel	∅ 250 x 102 mm - solid rubber, super elastic, non-marking and oil resistant. Hub made of aluminium coated in non-slip polyurethane
	Rear wheels	∅ 250 x 80 mm - solid rubber, super elastic, non-marking and oil resistant. Hub made of nylon coated in polyurethane
	Brakes	Electromagnetic with manual lever
<b>SOUND LEVEL (MEASURED ACCORDING TO ISO 3744)</b>	Maximum sound level	68 dB
	Sound level at operator's ear	68 dB