

CT40 mod. 50 Technical Specifications

CT40 mod.50		Technical Specifications			
Version		C 50	B 50	BT 50	ECS
Electrical system	Voltage	230V	24V		
	Battery capacity	-	140 Ah (20h)		
	Maximum running time	-	2,2 h		
	Battery level indicator	-	3 LED on the dashboard		
	Low battery protection	-	brush stop		
Scrubbing head	Scrubbing width	500 mm			
	Number of brushes	1 (disc)			
	Brush diameter	500 mm			
	Brush speed	160 rpm	135 rpm		200 rpm
	Microfiber speed	600 rpm			
	Brush head adjustment	- yes			
	Maximun pressure	30 kg	27 kg		
	Raising system	manual with release pedal			
	Transmission	gear box			
	Motors power	1100 Watt	600 W		
	Productivity	1750 m ² /h		2250 m ² /h	
Brush (standard)	Material	standard type - nylon			
	Bristle section	0,6 mm			
	Brush connection	without the use of tools			
	Brush disconnection	without the use of tools			
Solution tank	Capacity	40 litres			
	Material	high density polythene			
	Filter	stainless steel cartridge			
	Water flow adjustment	manual flow adjustment + solenoid valve			
Recovery tank	Capacity	50 litres			
	Material	High Density Polythene			
Vacuum	Vacuum motor power	550 W	480 W		294 W
	Stage	2 stages			3 stages
	Value in water column	1200 mm(H ₂ O)			
	Max air flow	32 litres			30 litres
	Motor position	under the recovery tank - front position			
	Motor accessibility	unlock and lift the recovery tank			
	Motor protection filter	polyester net			
	Type of float	electric with vacuum motor stop			
Squeegee	Shape	V type			
	Width	815 mm			
	Mainbody material	aluminium			
	Blade material	para rubber			
	Pressure adjustment	two easily adjustable independent wheels			
	Raising system	hand lever			
	Blade replacement	without the use of tools			

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Traction	Traction system	mechanical (by brush motor)		motor + gears	
	Operated	lever on handle bar			
	Forward speed	-		yes	
	Reverse gear speed	-		yes	
	Speed adjustment	-		potentiometer	
	Maximum speed	3,5 km/h		4,5 km/h	
	Maximum climbing angle	-		2%	
	Motor power	1100 W (brush motor)	600 W (brush motor)	120 W	
Wheels	Front	2			
	Type	fixed on front axle	on gear box		
	Diameter	200 mm			
	Material	non marking rubber			
	Rear	1			
	Type	pivoting			
	Diameter	80 mm			
	Material	plastic			
	Parking brake	-			
Chassis	Material	Steel			
	Thickness	4 mm			
	Paint treatment	electro deposition coating and galvanised parts			
	Protection against impact	roller bumpers on the front cover angles			
Dimensions	Length	1230 mm			
	Width (without squeegee)	516 mm			
	Height	960 mm			
Battery box dim.	Length	380 mm			
	Width	360 mm			
	Height	300 mm			
Weigth	Weight without battery (empty tanks)	83 kg	67 kg	73 kg	76 kg
	Weight with battery	-	139 kg	145 kg	148 kg
Noise level	From operator ear	67 dB(A)			61 dB(A)
Safety systems		all moving parts fully protected			
Certification	European	CE			