

# CT90 Step 2 Technical Specifications

<b>CT90.2</b>		<b>Technical Specifications</b>		
VERSION		BT 60	BT 70	BT 85
<b>Electrical system</b>	Supply voltage	24 V		
	Battery capacity	180 Ah 6V (C5 - 5h) x 4		
	Maximum running time	~ 2,5 h (150 min)		
	Battery level indicator	3 LED on the dash board		
	Low battery protection	Brush stop		
<b>Scrubbing head</b>	Scrubbing width	614 mm	678 mm	810 mm
	Number of brushes	2 ( disc )		
	Brush diameter	310 mm	345 mm	410 mm
	Brush speed	215 rpm		
	Brush head adjustment	—		Yes
	Maximum pressure	gr/cm <sup>2</sup> 31,5	gr/cm <sup>2</sup> 23,58	gr/cm <sup>2</sup> 21,79
	Raising system	Manual with release pedal		
	Motors power	2 x 300 W		
	Transmission	Gear box		
<b>Productivity</b>	Productivity	m <sup>2</sup> /h 2579	m <sup>2</sup> /h 2848	m <sup>2</sup> /h 3402
<b>Brush (standard)</b>	Material	Standard type - nylon		
	Bristle section	0,5 mm		
	Brush connection	Automatic - without the use of tools		
	Brush disconnection	Automatic - without the use of tools		
<b>Solution tank</b>	Capacity	85 Litres		
	Material	High density polythene		
	Filter	Removable stainless steel cartridge		
	Water flow adjustment	Flow adjustment by dashboard + solenoid valve		
<b>Recovery tank</b>	Capacity	90 Litres		
	Material	High density polythene		
	Discharge hose	Ø 50 mm hose		
<b>Vacuum</b>	Vacuum motor power	480 W		
	Stages	2 Stages		
	Value in water column	1300 mm(H <sub>2</sub> O)		
	Max air flow	32 litre/s		
	Motor position	Under the recovery tank - front position		
	Motor accessibility	Unlock and lift the recovery tank		
	Motor protection filter	Polyester net		
Type of float	Electronic float with stop vacuum motor			
<b>Squeegee</b>	Shape	" V " type		
	Width	816 mm	942 mm	
	Mainbody material	epossidic painted aluminium		
	Blade material	Polyurethan		
	Pressure adjustment	two easily adjustable independent wheels		
	Raising system	Hand lever		
	Blade replacement	without the use of tools		
<b>Traction</b>	Traction system	Gear box with differential gear + electronic card		
	Operated	Lever on handle-bar		
	Forward speed	Yes		
	Reverse gear speed	yes		
	Speed adjustment	Potentiometer on the dash board		
	Maximum speed	4,2 km/h		
	Maximum climbing angle	2%		
Motor power	200 W			

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<b>Weels</b>	Front	2		
	Type	On the axle traction motor		
	Diameter	200 mm		
	Material	Polyurethan - Non marking rubber		
	Rear	2		
	Type	Pivoting		
	Diameter	80 mm		
	Material	Polyurethan - Body in Nylon		
<b>Steering</b> (wall to wall)	External radius (Wall to Wall)			
<b>Brakes</b>	Service brake	—		
	Parking brake	—		
<b>Chassis</b>	Material	Stell		
	Thickness	3 mm		
	Paint treatment	Electro deposition coating and galvanized coating		
	Protection against impact	Rollers bumpers on squeegee and brush head		
<b>Dimensions</b>	Length	1328 mm	1358 mm	1446 mm
	Width (without squeegee)	680 mm	748 mm	893 mm
	Height	1025 mm		
<b>Battery box dimensions</b>	Length	525 mm		
	Width	390 mm		
	Height	300 mm		
<b>Weigth</b>	Without battery (empty tanks)	97,6 Kg	98,4 Kg	104 Kg
	With battery (empty tanks)	225,6 Kg	226 Kg	232 Kg
<b>Ergonomia</b>	Traction	Lever upper handle bar easily to use		
	Lever raising squeegee	Handle in middle position under the handle-bar		
	Seat	—		
	Controls	Easily comprehensible		
<b>Safety systems</b>	Emergency switch ▲	▲ emergency switch, on the dash board		
	Acoustic warning	—		
	Total "Auto stop"	Auto stop system (release lever on the handle-bar)		
	"Auto stop" functions	Brush, when the batteries are to the limit		
	Horn	—		
	Beacom	—		
		All moving parts fully protected		
<b>Accessories</b>	Chem-dose kit	Yes		
	On-board battery charger	Yes		
	Solution Filter Cap Kit	Yes		
	Level and drain hose kit	Yes		
	Head Press. Adjustment Kit	Yes	Standard	
	Larger bumper rollers kit	Yes		
	Drain hose whit valve kit	Yes		
	Blades Oil Resistant Kit	" S " (40 - 50 Sh)	" L " (40 - 50 Sh)	
<b>Noise level</b>	Guaranteed sonorous pow.		LWA,g	dB
	Sonorous power		LPA	dB
<b>Vibration</b>	Hand	m/sec <sup>2</sup>		
	Body	m/sec <sup>2</sup>		
<b>Certification</b>	European	CE		