

# CT160

## Technical Specifications

Version		BT 70	BT 85	BT 95	BT 75 R
<b>Electrical system</b>	Voltage	36 V			
	Battery capacity	280 Ah ( 5h )			
	Maximum running time	5,1h	5h	4,9h	5h
	Battery level indicator	voltage level on the LCD display			
	Low battery protection	brush stop			
<b>Scrubbing head</b>	Scrubbing width	700 mm	830 mm	920 mm	750 mm
	Number of brushes	2 ( disk )			2 ( roller )
	Brush diameter	355 mm	435 mm	460 mm	150 mm
	Brush speed	200 rpm			1000 rpm
	Brush head adjustment	electro-mechanical actuator			
	Maximun pressure	70 kg	90 kg	100 kg	50 kg
	Raising system	electro-mechanical actuator			
	Transmission	gear box			belt
	Motors power	2 x 400 W			1 x 1000 W
<b>Productivity</b>		4600 m <sup>2</sup> /h	5400 m <sup>2</sup> /h	6000 m <sup>2</sup> /h	4900 m <sup>2</sup> /h
<b>Brush (standard)</b>	Material	standard type - nylon			
	Bristle section	0,5 mm			0,8 mm
	Brush connection	automatic - without the use of tools			
	Brush disconnection	automatic - without the use of tools			
<b>Solution tank</b>	Capacity	145 litres			
	Material	high density polythene			
	Filter	removable stainless steel cartridge			
	Water flow adjustment	flow adjustment by dashboard + solenoid valve			
	Discharge hose	Ø 34 mm hose			
<b>Recovery tank</b>	Capacity	170 litres			
	Material	High Density Polythene			
	Discharge hose	Ø 50 mm hose			
<b>Vacuum</b>	Vacuum motor power	650 W			
	Stage	3 stage			
	Value in water column	1650 mm(H <sub>2</sub> O)			
	Max air flow	32 litre /s			
	Motor position	fixed on the recovery tank - upper area			
	Motor accessibility	open the battery compartment			
	Motor protection filter	polyester net			
	Type of float	electronic float			
<b>Squeegee</b>	Shape	Parabolic type			
	Width	830 mm	1010 mm	1100 mm	1010 mm
	Mainbody material	electro deposition coating painted stainless steel			
	Blade material	Polyurethan			
	Pressure adjustment	two easily adjustable independent wheels			
	Raising system	electro-mechanical actuator			
	Blade replacement	without the use of tools			

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<b>Traction</b>	Traction system	front traction motor wheel + electronic card			
	Operated	accelerator pedal			
	Forward speed	yes			
	Reverse gear speed	yes			
	Speed adjustment	by the accelerator pedal			
	Maximum speed	6 km/h			
	Maximum climbing angle	16%			
	Motor power	560 W			
<b>Wheels</b>	Front	1			
	Type	traction motor wheel			
	Diameter	250 mm			
	Material	non marking / non skid rubber			
	Rear	2			
	Type	fixed on the chassis			
	Diameter	300 mm			
	Material	non marking rubber			
	Parking brake with signal	yes			
<b>Steering</b>	External radius (Wall to Wall)	2160 mm	2250 mm	2300 mm	2200 mm
<b>Chassis</b>	Material	Steel			
	Thickness	4 ÷ 5 mm			
	Paint treatment	electro deposition coating and galvanised parts			
	Protection against impact	rollers bumpers on squeegee and brush head squeegee protection by the rear metal bumper			
<b>Dimensions</b>	Length	1720 mm			
	Width (without squeegee)	850 mm	1010 mm	1100 mm	900 mm
	Height	1360 mm			
<b>Battery box dim.</b>	Length	605 mm			
	Width	530 mm			
	Height	430 mm			
<b>Weight</b>	Without battery (empty tanks)	380 kg			
	With battery (empty tanks)	453 kg			
<b>Noise level</b>	From operator ear	70 dB(A)			
<b>Safety systems</b>		all moving parts fully protected			
		auto power off system ( operator not sitted on )			
		emergency switch ▲			
<b>Certification</b>	European	CE			