

CT70 Rider Technical Specifications

VERSION	CT70 BT 70 RIDER	
Electrical system	Supply voltage	24 V
	Battery capacity	118 Ah 12V (C5 - 5h) x 2
	Maximum running time	~ 1,5 h (90 min)
	Battery level indicator	3 LED on the dash board
	Low battery protection	Brush stop
	Pressure control	0
Scrubbing head	Scrubbing width	700 mm
	Number of brushes	2
	Brush diameter	350 mm
	Brush speed	215 rpm
	Brush head adjustment	NO
	Maximun pressure	31,4 daN (Kg)
	Minimun pressure	31,4 daN (Kg)
	Raising system	Automatic
	Motors power	380 W (x2)
	Transmission	Gear Box
	Productivity	Productivity
Brush (standard)	Material	Standard type - nylon
	Bristle section	0,6/0,7 mm
	Brush connection	Automatic - without the use of tools
	Brush disconnection	Automatic - without the use of tools
Solution tank	Capacity	70 Litres
	Material	High density polythene
	Filter	Removable stainless steel cartridge
	Water flow adjustment	Flow adjustment by dashboard + solenoid valve
Recovery tank	Capacity	75 Litres
	Material	High density polythene
	Discharge hose	Ø 35 mm Hose
Vacuum	Vacuum motor power	294W
	Stages	3 Stages
	Value in water column	1230 mm(H ₂ O)
	Max air flow	32 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	Electronic float with stop vacuum motor	
Squeegee	Shape	" V " type
	Width	1010 mm
	Mainbody material	Epossidic painted aluminium
	Blade material	Para
	Pressure adjustment	Two easily adjustable independent wheels
	Raising system	Automatic
	Blade replacement	Without the use of tools
Traction	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	4,5 km/h
	Maximum climbing angle	2%
Motor power	200 W	

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Weels	Front	3
	Type	On the axle traction motor
	Diameter	200 mm
	Material	Polyurethan - Non marking rubber
	Rear	1
	Type	Pivoting
	Diameter	80 mm
	Material	Polyurethan - Body in Nylon
Steering (wall to wall)	External radius (Wall to Wall)	1640 mm
Brakes	Service brake	Yes
	Parking brake	Yes
Chassis	Material	Stell
	Thickness	4-3 mm
	Paint treatment	Electro deposition coating and galvanized coating
	Protection against impact	Rollers bumpers on squeegee and brush head
Dimensions	Length	1395 mm
	Width (without squeegee)	748 mm
	Height	960 mm
Battery box dimensions	Length	345 mm
	Width	170 mm
	Height	300 mm
Weigth	Without battery (empty tanks)	102 Kg
	With battery (empty tanks)	174 Kg
Ergonomics	Traction	Lever upper handle bar easily to use
	Lever raising squeegee	0
	Seat	YES
	Controls	Easily comprehensible
Safety systems	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
Accessories	Chem-dose kit	Yes
	On-board battery charger	Yes
	Solution Filter Cap Kit	Yes
	Level and drain hose kit	Yes
	Larger bumper rollers kit	Yes
	Drain hose whit valve kit	Yes
	Blades Oil Resistant Kit	" S " (40 - 50 Sh)
Noise level	Guaranteed sonorous pow.	LWA,g dB (Measure not demanded)
	Sonorous power	LPA 68 dB
Vibration	Hand	0,5 m/sec ²
	Body	0,4 m/sec ² (Measure not demanded)
Certification	European	CE