

Technical Data Sheet: TR80 Evolution and TR100 Evolution



Technical Specifications	TR80 Evolution	TR100 Evolution
Type of Machine	Cut-off Machine, strictly cold cutting and quick cutting	Cut-off Machine, strictly cold cutting and quick cutting
Max. cutting diameter (mm)	80	100
Distance cut-off wheel spindle/work table (mm)	230	240
Coolant tank capacity (litres)	18	20
Max. diameter (mm) : Abrasive wheel	250	300
Diamond Wheel	200	200
Max. speed of cutting wheel spindle (rpm)	2800	2800
Cutting wheel motor	IP55 protection, class F insulation	IP55 protection, class F insulation
Sound-intensity level	75 dB (A)	75 dB (A)
Motor transmission	V slotted belt	V slotted belt
Working control	Low-tension (24 V)	Low-tension (24V)
Machine structure : Mainframe	Stainless steel AISI 304	Stainless steel AISI 304
Working surface	Electroless nickel-plated	Electroless nickel-plated
Motor spindle	Stainless steel	Stainless steel
Parts not stainless steel	Anti-acid paint	Anti-acid paint
Cover	Plexiglass with aluminium frame	Plexiglass with aluminium frame
Absorbers	One for opening cover	One for opening cover
	One for balancing motor-cutting	One for balancing motor-cutting
Vibration protection	Damping foot	Damping foot
Collecting samples	Stainless steel plate	Stainless steel plate
Side opening	Stainless steel plate	Stainless steel plate

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On-off	Main switch	Main switch
START/STOP button on cutting handle	Cutting wheel motor Cooling pump motor	Cutting wheel motor Cooling pump motor
Starting cutting wheel and pump motors	Remote control switches	Remote control switches
Micro safety switch : cover up wheel not firmly stop	Not possible to operate wheel motor Not possible to open cover	Not possible to operate wheel motor Not possible to open cover
Safety: breaking of cutting wheel side opening for bar	Unremovable metallic cover Cannot open if cover closed CE safety rules	Unremovable metallic cover Cannot open if cover closed CE safety rules
Emergency button	Disconnected machine's functions	Disconnected machine's functions
Adjusting cooling fluid	Ball faucet	Ball faucet
Exhaust cooling fluid	Nozzle and Faucet	Nozzle and Faucet
Power	380V 3-phase	380V 3-phase
Weight	80	100
Dimension (mm): W	625	700
D	730	750
Н	550	570

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