

MECATOME T330

MEDIUM SIZE MANUAL AND AUTOMATIC CUTTING MACHINE

Ref. 50300

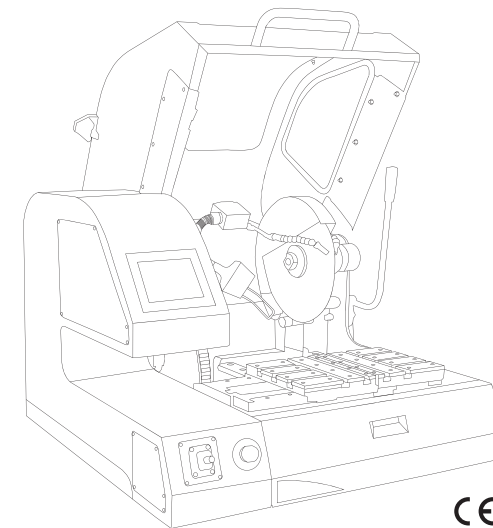
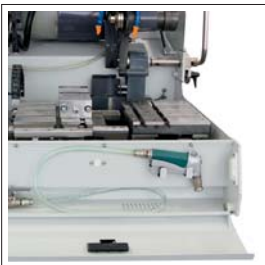
The spacious MECATOME T330 is a powerful and robust machine which can accommodate very sizeable parts and samples which are longer in length, made from a wide range of materials.

The optional X axis drive gives the possibility of carrying out multiple series sectioning.

There are four cutting modes:

- Manual.
- Assisted: a manual cut can be made using the joystick to pilot the table (effortless for the operator).
- Automatic: an automatic cut can be made by selecting both the disc rotation speed and the advance speed of the table. Possibility of an impulse cutting mode.
- Programmable: an automatic cut can be made using pre-selected parameters.

The table (with interchangeable stainless steel pallets) is compatible with most readily available clamping systems.



CE

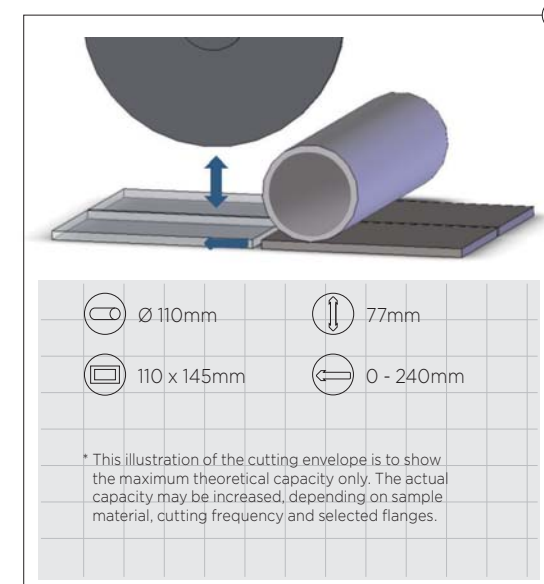
629mm
(closed lid)

844mm

894mm

190kg

CUTTING ENVELOPE*



CHARACTERISTICS

HOOD	
Type	PETG enclosure with metal hinges and gas strut assisted lift
Safety	Interlock switch keeps hood locked during cutting
Fumes extraction outlet	76mm

MOTORIZATION - POWER SUPPLY	
Nominal power S2	3700W
Nominal power S3	4000W
Power supply	380V / Three-phases / 50Hz
Control of the motor	Frequency inverter

CUT-OFF WHEELS	
Type of cut-off wheels	Resin bonded and metal bonded
Cut-off wheel size range	Up to 300mm
Rotation speed	From 200 to 6000 RPM
Arbor size	25.4mm

CONTROL	
Control Interface	Color touch control screen
Security Access	Can activate password protection
Programmability	Up to 100 programs protected by password

CUTTING	
Cutting modes	Manual chop action or automated Y feed with optional pulse action
Table automation	Motor driven Y axis
Y axis speed	From 0.01 to 3mm/s
Cutting control	Automated regulation of Y axis feed rate
Y axis travel	240mm
X axis travel	Option: 100mm
Serial cutting	Option (motorized X table)
Table dimensions	Left table: 192 x 230mm Right table: 192 x 230mm
Positioning laser	Option
Distance between cut-off wheel and table	77.5mm (with a Ø 300mm wheel)
Table type	Treated aluminium table with stainless steel "T" slots
Holders	Any sample fixturing system compatible with a 12mm "T" slot bed

LUBRICATION - COOLING	
Pump & tank	External - 60L
Type of lubrication	External recirculating system
Method of directing pumped coolant	2 ports in the wheel guard 2 alignable nozzles mounted on the wheel assembly
Type of filtration	100 µm washable filter cloth

ERGONOMICS	
Internal lighting	LED
Spray nozzle for cleaning	Integrated

See MECATOME T330 video link



Recirculating tank supplied with the machine

ACCESSORIES

STAINLESS STEEL VICES AND HOLDERS



Left quick clamping vice
Height 45mm
Ref. 50905



Right quick clamping vice
Height 45mm
Ref. 50909



Left and right quick clamping vices
Height 70mm
Ref. 50510



Right screw clamping vice
Height 45mm
Ref. 50903



Left screw clamping vice
Height 45mm
Ref. 50901



Box of Kopal holders
Ref. 50613



Kopal holding
Ref. 50616

TABLES & POSITIONING



Manual traversing additional table.
Left side movement
Ref. 51610

Motorized transversal table
Ref. 50305

Positioning laser
Ref. 51430

OTHER ACCESSORIES



Base Cabinet
Width 1000mm
x depth 880mm
x height 855mm
Ref. 51010



Set of 3 filters for recirculating tank
ST310/T330/T300
Ref. 51620



Kit of V positioning supports
Ref. 50370