CUTTING

MECATOME

T335



MANUAL AND AUTOMATIC **CUTTING MACHINE**

REF. 50380

Powerful and precise, the MECATOME T335 is an automatic cutting machine on its logitudinal axis and manual on its vertical axis. Its rotation speeds ranging from 1000 to 6000 RPM allow the use of diamond discs as well as resinoids. The MECATOME T335 offers the best of both worlds with the possibility of performing regulated or impulse cuts while maintaining the ease of manual cutting.









CE





Cleaning Gun

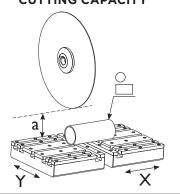


Transversal table with motorized movement Ref. 50381



Two-hand control

CUTTING CAPACITY*



Ø 105mm

Optional: 100mm



105 x 145mm



Check the technical specifications of the MECATOME T335



* This cutting diagram has been designed for informational purposes. It represents the theoretical maximum cutting capacity. The described cutting capacities can be increased depending on the materials, the cutting frequency and selected flanges.

CHARACTERISTICS

Type Stainless Steel cutting chamber Two-hand control for table positioning, when hood open Mechanical locking of the hood during cutting Braked stopping of the cut-off wheel Zero speed check before unlocking the hood Determined the hood during cutting Braked stopping of the cut-off wheel Zero speed check before unlocking the hood Determined Determined the hood Determined the hood Determined Determined the hood Determined the hood Determined Determined the hood Determined Determin	HOOD	
Safety Mechanical locking of the hood during cutting Braked stopping of the cut-off wheel Zero speed check before unlocking the hood Potton: mist extraction with fluid recovery MOTORISATION - POWER SUPPLY Nominal power S2 3700W Nominal power S3 4000W Motor Asynchronous motor controlled by frequency inverter Power supply 400V - Three-phase - 50/60Hz CUT-OFF WHEEL Type of cut-off wheel Resinoid & Metallic Size of the cut-off wheel from Ø 250 à Ø 300mm Rotation speed 1000 à 6000 RPM Arbor size 25.4mm CONTROL Control interface Touchscreen 2-dimensional joystick with 2 shortcut buttons Security access Can be activated Programmability Up to 100 programs, password protected CUTTING Operating mode Manual, Assisted, Automatic, Program Mode Cutting modes Regulated, Pulse Cutting Table automation Y-axis movement Cutting control Feeding Regulation Cutting axis positioning laser from 0.01 to 3mm/s Serial cutting Option: motorized x-axis table, travel distance 100mm Table dimensions Right table: 192 x 230mm Treated aluminum table, interchangeable stainless steel pallets UBBICATION - COOLING Type of fibrication By pump, flow rate 70L/min Recirculation tank External - Capacity 55L Type of filtration Washable 100µm cloth filter, optional magnetic filter Method of directing pumped coolant ERGONOMICS Internal Ilighting LED lighting integrated into the hood (IP 68) Spray nozzle for cleaning Integrated	Туре	
Fumes extraction Option: mist extraction with fluid recovery MOTORISATION - POWER SUPPLY Nominal power S2 Nominal power S3 4000W Motor Asynchronous motor controlled by frequency inverter Power supply 400V - Three-phase - 50/60Hz CUT-OFF WHEEL Type of cut-off wheel Resinoid & Metallic Size of the cut-off wheel from Ø 250 à Ø 300mm Rotation speed 1000 à 6000 RPM Arbor size 25.4mm CONTROL Control interface Touchscreen 2-dimensional joystick with 2 shortcut buttons Security access Can be activated Programmability Up to 100 programs, password protected CUTTING Operating mode Manual, Assisted, Automatic, Program Mode Cutting mode Regulated, Pulse Cutting Table automation Y-axis movement Cutting control Feeding Regulation Cutting axis Motorized Y-axis and Manual Z-axis (The X axis being a positioning axis) Y axis travel 240mm Y axis speed from 0.01 to 3mm/s Serial cutting Option: motorized x-axis table, travel distance 100mm Table dimensions Right table: 192 x 230mm Treated aluminum table, interchangeable stainless steel pallets Fraed aluminum table, interchangeable stainless steel pallets T-slotted table (12mm) accepting all commercial clamping systems LUBRICATION - COOLING Type of filbration By pump, flow rate 70L/min Recirculation tank External - Capacity 55L Type of filbration Method of directing pumped coolant ERGONOMICS Internal lighting LED lighting integrated into the hood (IP 68) Internal lighting LED lighting integrated into the hood (IP 68) Internal lighting LED lighting integrated into the hood (IP 68)	Safety	Mechanical locking of the hood during cutting Braked stopping of the cut-off wheel
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Nominal power \$2 Nominal power \$3 Nominal power \$2 Nominal power \$2 Nominal power \$3 Nominal power \$2 Nomina	MOTORISATION - POWER SUPPLY	
Motor Asynchronous motor controlled by frequency inverter		3700W
CUT-OFF WHEEL Type of cut-off wheel Resinoid & Metallic Size of the cut-off wheel from Ø 250 à Ø 300mm Rotation speed 1000 à 6000 RPM Arbor size 25.4mm CONTROL Touchscreen 2-dimensional joystick with 2 shortcut buttons Security access Can be activated Programmability Up to 100 programs, password protected CUTTING Operating mode Manual, Assisted, Automatic, Program Mode Cutting modes Regulated, Pulse Cutting Table automation Y-axis movement Cutting modes Regulated, Pulse Cutting Table automation Y-axis movement Cutting modes Regulated, Pulse Cutting Table automation Y-axis movement Cutting control Cutting exis Cutting exis	Nominal power S3	4000W
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Method of directing pumped coolant 2 lubrication points integrated in cut-off wheel guard 2 orientable lubrication points ERGONOMICS Internal lighting LED lighting integrated into the hood (IP 68) Spray nozzle for cleaning Integrated	Recirculation tank	External - Capacity 55L
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Internal lighting LED lighting integrated into the hood (IP 68) Spray nozzle for cleaning Integrated	Method of directing pumped coolant	
Spray nozzle for cleaning Integrated	ERGONOMICS	
Spray nozzle for cleaning Integrated		LED lighting integrated into the hood (IP 68)
Tool less cut on wheel changing system	Cutting disc change	Tool-less cut-off wheel changing system
No-load sound level < 70 dB	No-load sound level	< 70 dB

ACCESSORIES

STAINLESS STEEL VICE & CLAMPING SYSTEMS



Left quick clamping vice 45mm height removable Ref. 50236



Right quick clamping vice 45mm height removable jaw + rear jaw Ref. 50235



Left quick clamping vice 45mm removable jaw Ref. 50241



Right quick clamping vice 45mm removable jaw Ref. 50240



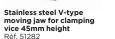
Left quick clamping vice 45mm height removable jaw + rear jaw Ref. 50246



Right quick clamping vice 45mm height removable jaw + rear jaw Ref. 50245



moving jaw for clamping vice 45mm height Réf. 51282



Stainless steel V-type moving jaw for clamping vice 45mm height Ref. 50243



Special fragile samples "Delrin" thermoplastic moving jaw for clamping vice 45mm Ref. 51283

Special fragile samples "Delrin" thermoplastic moving jaw for clamping vice 70mm Ref. 50242



Kopal Clamp Ref. 50616

Kopal Kit Ref. 50613

TABLES & POSITIONING



Motorized transversal table Ref. 50381



Manual transversal table Ref. 50244



Kit of V positioning supports Ref. 50370

OTHER ACCESSORIES



Base cabinet for automatic cutting machine



Base cabinet (big size) Ref. 51010



Magnetic filter



Suction & extraction Ref. 51273



Positioning laser for MECATOME T335 Ref. 50382



3 Filters for cooling tank Ref. 51620



Analogical refractometer Brix 0-10 Ref. 19074