



ANTON WIMMER
Cut-off machines for experts



TM 374

Automatic cut-off machine with servo drive

Useful for

- Cutting tool manufacturers and grinding services
- Tool and die as well as machine tool industries
- Material analysis
- Quality control
- Medical industry
- Compounds
- Ceramics and glass and many others

Wimmer was founded in 1974. Our production program comprises a complete range of cut-off machines, from the small table machine and immersion cut-off to the fully automatic CNC machine, all also in special executions.



Since 2006 Anton Wimmer Maschinenfabrik has been part of the Hunger group. The factory is located about 60 km to the west of Munich where our machines are designed and built on the most modern equipment by a highly motivated staff – guaranteeing a top quality of our products for intensive use by our customers.



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ANTON WIMMER
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CUTTING OFF HARD MATERIALS EASILY



TM 374

The universal cut-off machine with
automatic grinding axis



Designed for:

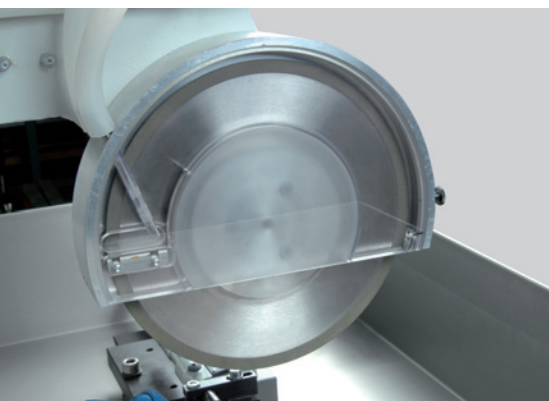
- Tungsten carbide
- High-speed steel
- Metal alloys
- Stainless steel
- Ceramics
- Tungsten
- Carbon fibres
- Glass etc.

TM 374 – it simply cuts off more rapidly

The confirmed cut-off machine with servo drive

Product Highlights

- Compact machine with high output
- Simple operation
- High safety due to the working area enclosure and a separate disc protection
- Very high precision and excellent surface finish of the work piece
- No additional operations (like deburring and facing etc.) necessary
- No health-damaging fine powders in the air



Optimal coolant supply through the disc protection



Convenient panel (digital display available as option)

This compact machine has an automatic grinding axis (Z axis) to cut-off work pieces up to a diameter of 50 mm with a high precision. The stable and tough welded machine base helps to master even the most difficult cut-off tasks without vibrations.

The high performance of the machine (with a variable feed) is obtained thanks to the powerful 3 kW motor spindle and also the servo drive, ball bearings, precision guides and a modern CN. This results in short grinding times and a high optical and technical quality of the cut as regards surface finish, tolerances and no burrs.

The coolant emulsion is directed through the disc protection exactly onto the cutting point, thus ensuring a very good cooling and rinsing of the work piece and the grinding disc - this also increases the lifespan of the disc. The coolant supply is automatically interrupted at the end of the cycle to take out the work piece.

The **three-point clamping device** (pneumatic on request) holds the work piece on both sides of the disc, thus preventing burrs and chipping. **Special clamping devices** are available for planer blades, tangential form tools, segmented parts, common rail valves, tool holders and many other applications

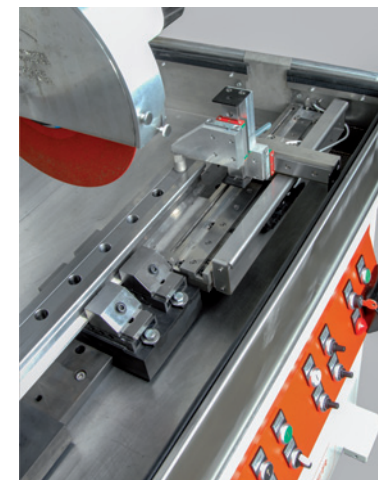
Broken cutters and drills are as easily cut-off as carbide blanks, HSS knives, tempered guides, tungsten electrodes, ceramic balls, glass rods and fiberglass tubes. There are almost no limits to the use of the TM 374!

Technical Data

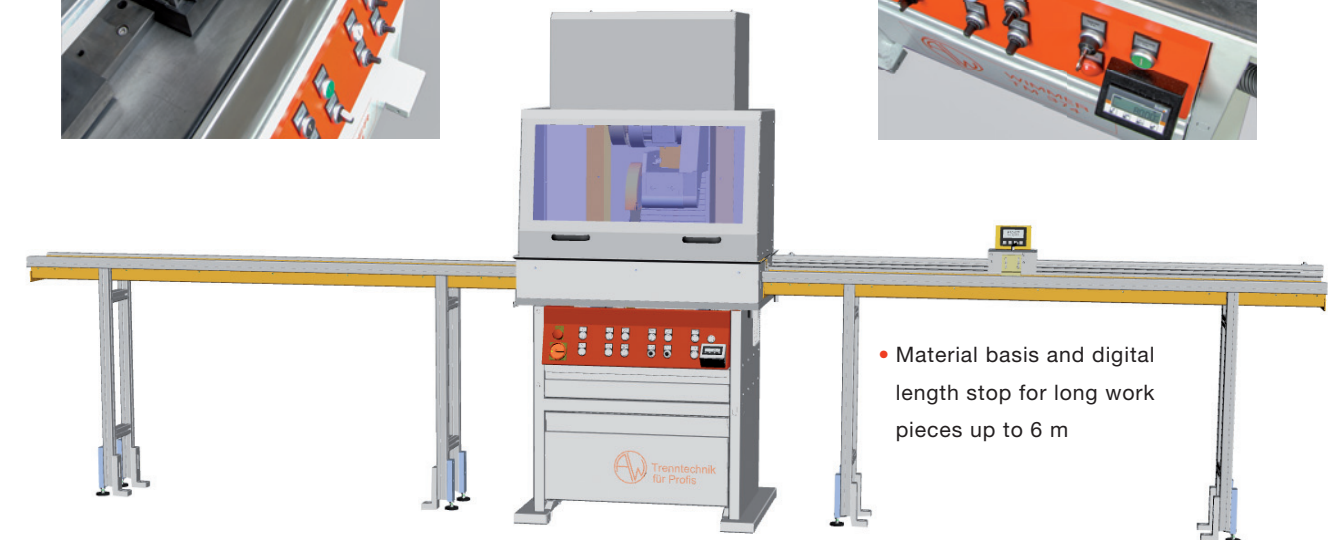
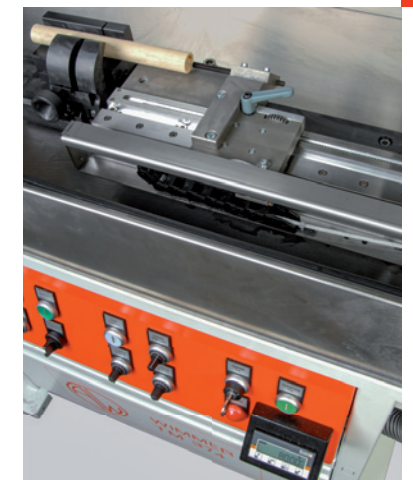
Cut-off Ø	max. 50 mm
Grinding disc	Ø 200 / 250 mm
Motor power	3.0 kW
Power supply	400V DC-50Hz
Painting	light gray RAL 7035, blood orange RAL 2002
Weight	about 450 kg
Dimensions L x W x H	940 x 800 x 2,100 mm

Accessories for universal applications

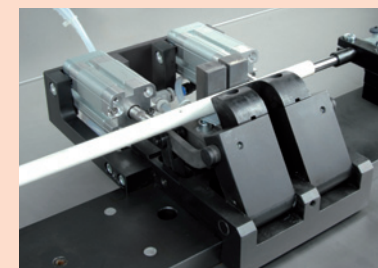
A selection of our many available options



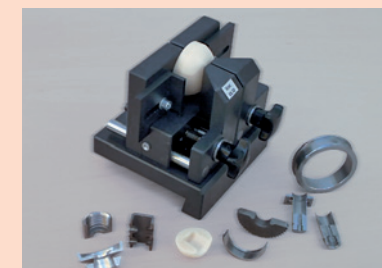
- Presetting device for linear systems (at the left)
- Length stop with digital display (at the right)



- Material basis and digital length stop for long work pieces up to 6 m



- Pneumatic clamping device with foot pedal



- Parallel clamping device with 2 jaws



- Clamping device for drills with presetting of the point angle



- Cleaning set with pistol



- CO₂ fire extinguisher to work with oil

without photo:

- Frequency converter for variable cutting speeds
- Laser barrier to measure the disc
- Connection for fume extractor

You will find more choices and information on our accessory program under www.anton-wimmer.de