



ANTON WIMMER

Cut-off machines for experts

CUTTING OFF HARD MATERIALS AUTOMATICALLY



FT 200A

The automatic cut-off machine with
Siemens CN for cutting-off series



Designed for:

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

FT 200A – economical, powerful, precise

Fully automatic cut-off machine with 2 axes and loader

Product Highlights

- Compact and fully automated cut-off machine with an easily programmable CN
- Easy operation thanks to very fast set-ups
- Sensors for the grinding disc, the workpiece-Ø, the clamping and the coolant
- Automated loading for a long production autonomy
- Automated central greasing for all parts in movement
- Working space fully hooded and secured



FT 200 work space



FT 200 commanding panel



Oil mist extraction

The **modern Siemens CN** (TIA port with Sinamic drives) allows to program up to 5 different lengths for each rod with different lengths and quantities. This ensures the best possible usage of your blanks. The programmed data can be saved. The CN is easily programmable with graphical assistance and explicit help menus. The CN commands are converted into movements through **servo drives** and guarantee a very high positioning accuracy thanks also to high precision linear guides and ball screws.

The **4kW motor** has a **frequency regulator** to work with the optimum cutting speed. All speeds and feeds can be modified during the production cycle. The grinding spindle has high precision seats to ensure a very constant and regular cut.

The disc is measured with a **laser barrier** and its wear is automatically compensated. The machine stops automatically when the minimum abrasive size is achieved. The rod is clamped on both sides of the grinding disc and is monitored to prevent damage to the disc and the work piece. To cut off rods with different diameters, the right-side clamp is programmed without pressure.

The machine can work with cutting oil or emulsion. The coolant is **commanded with valves and its flow is monitored**. The feed of the grinding disc is stopped when the coolant supply is interrupted. The optimal coolant by jet gives a precise cut and results in a long grinding disc life.

Technical data

Cut-off range	Ø 1 – 40 mm
X axis stroke	420 mm (extensible to 530 mm)
Grinding disc	Ø 200 mm
Grinding motor	4.0 kW
Power supply	400V DS-50Hz
Color	light grey RAL 7035, basalt grey RAL 7012
Weight	about 750 kg
Dimensions L x W x H	about 1,450 x 950 x 1,700 mm

Accessories for universal applications

A selection of our many available options



- with a pump and 5 decantation vaults

Coolant connection with valves and coolant flow monitoring:



- for connection to a central coolant supply



- for working with a paper filtration vaults

Belt loader:



- for small sizes down to 1 mm



- for rectangular and other non-cylindrical rods



- Bar loader for work pieces with a length of up to 6 m



- Cleaning set with pistol



- CO₂ fire extinguisher for working with cutting oil



- Dressing device for re-sharpening the cutting-wheel

Accessories without photo:

- Loading and unloading with robot
- Interchangeable clamping prisms for various kinds of work pieces
- Remote maintenance module ...

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



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Separating conveyor loader
(option)

FT 200A

The automatic cut-off machine
for the professional

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.

- Long-standing experience in cut-off techniques
- Design, production, sale and after-sales service at the same location
- 6,000 square meters of production surface
- ISO certified quality management



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