



Qcut 250 A

FLEXIBILITY AND EASIEST HANDLING

**SEMI-AUTOMATIC ABRASIVE
CUT-OFF MACHINE**

SIMPLY CLEVER

Qcut 250 A – SEMI-AUTOMATIC ABRASIVE CUT-OFF MACHINE

The Qcut 250 A is a compact and flexible semi-automatic abrasive cut-off machine with a 254 mm/10" cut-off wheel for workpieces or samples up to Ø 95 mm. This machine combines the benefits and speed of a manual cut-off machine with the advantages of an automatic abrasive cutter.

The semi-automatic Qcut 250 A, equipped with a hand lever and **automatic lever brake**, can be operated with one hand and makes vertical cuts or the positioning of the cut-off wheel easier than before. The cutting table with T-slots is made of stainless steel and can be used either with a **dynamic automatic drive** (allows **pulsed cut**) or in manual mode, operated by a hand wheel (traverse cut). Together with the well-proven QATM technology of pulsed cutting, the Qcut 250 A provides excellent cutting results even with the most difficult materials. And having an automatic X-axis allows the **Care-Cut** (oscillation cut) during a chop cut for large pieces.

For more complex cutting tasks, the Qcut 250 A can be equipped with an optional **automatic cross table** to perform serial cuts. Axes are monitored by travel measuring during set up and operation.



FEATURES



Manual Y-axis for chop cut with automatic lever brake for easiest handling



Large cut-off wheel of 254 mm / 10" with parallel moving wheel guard



New intuitive user-interface for comfortable machine operating

Benefits Qcut 250 A

- I Manual Y-axis with electromechanical lever brake
- I 7" Touch-Screen user interface with intuitive QATM user software
- I Automatic travel X-axis - manual travel via hand wheel
- I Cutting-force dependent feed control (X-axis)
- I Superior LED illumination of cutting chamber
- I Parallel setting of wheel guard during cutting sequences increases cutting capacity
- I Opening on both sides for cutting long parts

Qcut 250 A
AT A GLANCE

CUT-OFF MACHINE



Qcut 250 A

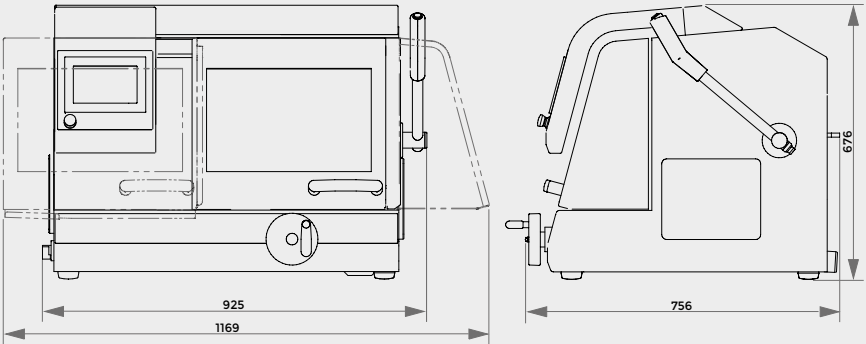
MODEL

FEATURES

Cut-off wheel diameter	254 mm / 10"
Max. cutting capacity	Ø 95 mm
X-axis automatic & manual	225 mm
Y-axis manual	170 mm
Z-axis automatic (option)	120 mm
Setting accuracy Z-axis automatic	0.1 mm
T-slot	12 mm
Fixed rotational speed	3015 rpm at 50 Hz and 3100 rpm at 60 Hz

TECHNICAL DATA

Motor power	3 kW, S1 4 kW, S3/60 %
Power input	5.5 KVA
W x H x D	925 x 676 x 756 mm
Weight (depends on equipment)	≈ 130 kg
More information on	www.qatm.com/qcut-250a



The feed speed is controlled load-dependent to prevent the sample from over-heating and reduces material deformation to a minimum. The unique horizontal, **parallel moving wheel guard** increases the share of diameter from the cut-off wheel that can be used. This keeps best cutting performances – especially helpful, when the cut-off wheel got more and more worn.



A very large color interface and newly created menu navigation concept provides intuitive and user-friendly operation. Various consumables and materials are pre-installed, ready to be chosen by the customer.

The enhanced maintenance menu is optimized to support the service offered by QATM - useful information like axes setup, device configuration etc. are visible for the user. It includes the operating hours of automatic axes, recirculation unit, motor and the switch-on time of the machine and customized maintenance intervals can be set. Like all other QATM cut-off machines, the Qcut 250 A is fully compatible with **QATM's easy clamping system**. The changing of clamping tools becomes much faster and allows the user to remove or fix a clamping tool in only one single step.

The Qcut 250 A offers the storage of unlimited customized methods both on the device or on USB, allowing a transfer of methods from one device to another.

In addition to that, the user-software provides different access rights by different accounts like e.g. operator or administrator.

The Qcut 250 A is equipped with an industrial standardized emergency button and with a safety lock for the drip-free sliding door fulfilling high safety requirements.

The cutting of long parts is simplified by openings on both sides. This feature makes the handling convenient and comfortable.

ATM Qness GmbH

Emil-Reinert-Str. 2
57636 Mammelzen
Germany

Phone: +49 2681 9539 0
Fax: +49 2681 9539 27

ATM Qness GmbH

Reitbauernweg 26
5440 Golling
Austria

Phone: +43 6244 34393
Fax: +43 6244 34393 30

PREMIUM QUALITY
MADE IN GERMANY



info@qatm.com www.qatm.com

VERDER scientific

Verder Scientific is a business field belonging to the Verder Group and sets standards in the development, manufacture and sale of laboratory and analytics devices. Used in quality control, research and development for test-piece preparation and the analysis of solids.

For several decades our companies have supplied production plants and research institutes, laboratories for quality testing and analytics, all kinds of technical specialists and scientists with modern, reliable devices to solve the many and varied challenges they face.

Distributor in Greece:


AppliedTM
LABORATORY & ENGINEERING SOLUTIONS

T. 210 72.43.529 - 6979 64.23.95
email: info@apples.com.gr
site: www.apples.com.gr



VERDER SCIENTIFIC

**SCIENCE
FOR SOLIDS**