

CUT-OFF MACHINE
QCUT 250 A



The Qcut 250 A (Brillant 240) 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 is equipped with an integrated hand lever with **electromechanical lever brake**. It can be operated with one hand and makes vertical cuts or the positioning of the cut-off wheel easier than before. The stainless steel cutting table can be used in manual mode by a hand wheel (traverse cut), or with a **dynamic automatic drive**. The latter allows the **pulsed cut** and the **Care-Cut** (oscillation cut for chop cuts). For more complex cutting tasks, the Qcut 250 A can be equipped with an optional **automatic cross table** to perform serial cuts.

The unique horizontal, **parallel moving wheel guard** maximizes the usage of the cut-off wheel.

A very large color interface and newly created user concept guides the operator through the tasks, to minimize operator errors. The individually adjustable user information system facilitates routine tasks such as renewal of coolant, scheduled maintenance etc.

Like all other cut-off machines from ATM Qness GmbH, 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 with only one single step.

PRODUCT ADVANTAGES

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

FEATURES

Cutting wheel	up to 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
Precision Z-axis	0.1 mm
Table without Z-axis WxD	380 x 270 mm
Table with Z-axis WxD	300 x 270 mm
T-slot	12 mm
Connection power	5.5 kVA
Drive power (main drive)	3 kW, S1; 4 kW, S3/60%
Speed	3015 rpm at 50Hz and 3100 rpm at 60Hz
W x H x D	925 x 676 x 756 mm
Weight (depends on equipment)	~ 130 kg

www.qatm.com/qcut250a