

CUT-OFF MACHINE
QCUT 350 A



The Qcut 350 A (Brillant 250) is an automatic wet abrasive cut-off machine for samples up to max. Ø 135 mm. Due to its low contact cutting (lcc) function, it gently cuts different types of samples with various geometries, sizes and materials.

The cut-off machine is commonly used in metallography, materialography, mineralogy, as well as for the cutting of composite materials (CFC/PMC/MMC) or electronic devices such as PCB's.

The large cutting chamber and stainless steel table of the machine allow comfortable and flexible operation. A wealth of software based features, such as automatic touch detection, multi-position process and parallel setting of the wheel guard during vertical cutting further enhance the reproducibility of cutting processes.

PRODUCT ADVANTAGES

- | Manual or automatic horizontal movement (depends on equipment)
- | Manual vertical movement
- | Electronic control of cutting force
- | Electronic control of distance (depends on equipment)
- | Electronic cutting force limiter
- | Memory for saving programs (depends on equipment)
- | Large range of different clamping tools and systems available

FEATURES

Cutting wheel	up to Ø 356 mm/14"
Max. cutting capacity	Ø 135 mm
Wheel flange size	Ø 32 mm
X-axis automatic	260 mm
Y-axis automatic	180 mm
Z-axis automatic (option)	140 mm
Precision Z-axis	0.1 mm
Table without Z-axis WxD	500 x 300 mm, stainless
Table with Z-axis WxD	400 x 300 mm, stainless
T-slot	12 mm
Speed	variable 800-3400 rpm
Connection power	9.5 kVA
Drive power (main drive)	4 kW S1; 5.5 kW S3
W x H x D	1015 x 760 x 810 mm
Weight	~ 200 kg (depends on equipment)

www.qatm.com/qcut350a