

CUT-OFF MACHINE
BRILLANT 220



The BRILLANT 220 is a compact, user-friendly precision wet abrasive cutting machine. It can be fitted with up to three automatic axes (X, Y, Z) and several cutting modes for maximum flexibility and ideal use of space.

With its modular construction and different options and clamping tools the cutting machine Brillant 220 can be easily equipped for specific applications. The fully automatic BRILLANT 220 is especially suited for precise cutting of small part of different geometries. Use of a vacuum sample holder allows cutting of thin sections and unmounted samples with a precision of 0.001 mm.

PRODUCT ADVANTAGES

- | Precision cutting machine
- | Spacious cutting chamber with large table
- | Openings on left and right for continuous long parts
- | Electronic control with LC display
- | Electronic travel measurement
- | Electronic performance control
- | Various cutting modes
- | Memory function for saving programs
- | Manual movement of all axis via joystick (automatic mode only)
- | Current safety standard
- | LED chamber illumination
- | Large range of different clamping tools and systems available
- | Solid aluminium case construction, powder coated

FEATURES

Cutting wheel	up to Ø 203 mm/8"
Max. cutting capacity	Ø 75 mm
Y-axis (vertical movement)	80 mm (automatic mode)
Z-axis (cross feed)	80 mm
Table without Z-axis WxD	300 x 210 mm
Table with Z-Axis WxD	280 x 210 mm
T-slot	8 mm
Connection power	2.3 kVA
Drive power (main drive)	0.75 kW S1
Speed	variable 300-5000 rpm
W x H x D	710 x 485 x 570 mm
Cutting chamber WxD	405 x 500
Weight	~ 82 kg (depends on equipment)

www.qatm.com/brillant-220