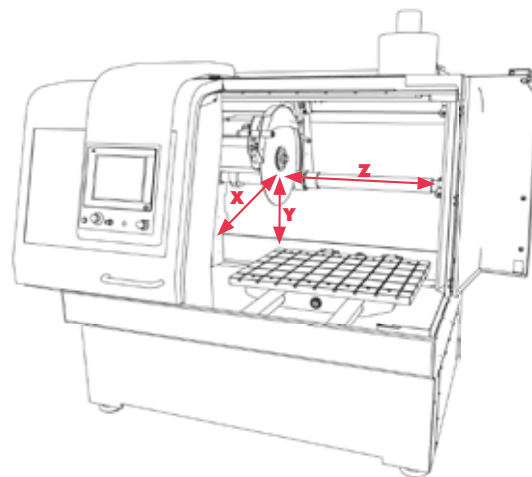




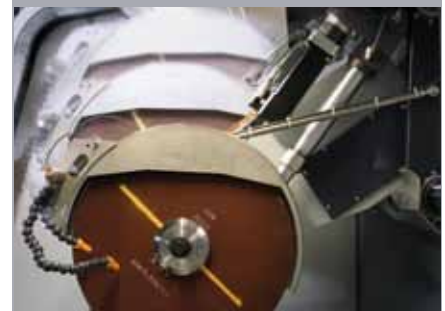
BRILLANT 2000 INDUSTRIAL STANDARD CUTTING MACHINE



- » The water-cooled 30kW main motor is integrated in the swivel arm
- » Automatic horizontal (X-axis) and vertical cut (Y-axis), high dynamic drive up to 100 mm/sec.
- » Automatic cross-feed (Z-axis) motion with the swivel arm provides optimized use of cutting chamber
- » Parallel setting of wheel guard during vertical cutting increases cutting capacity



LARGE TRAVEL RANGE OF Z-AXIS



PARALLEL SETTING OF WHEEL GUARD

- » Touch-screen-display in smartphone-optic with ATM-software control
- » Optical menu navigation for drawing up precise program sequences with position steps and cutting modes (horizontal, vertical, diagonal, step- and segment cut); clearly and easily to create with drag&drop
- » Storage of unlimited number of programs with password; update and backup via USB
- » A performance chart describes the cutting process.
For optimal sectioning the cutting wheel can be monitored permanently (option).



VISUAL MENUE NAVIGATION

**BRILLANT 2000 INDUSTRIAL STANDARD CUTTING MACHINE**

- » Variable pulsed and saw cut
- » Variable speed
- » Any cutting position can be approached during the program sequence, e.g. for serial cuts or different positioning on the large table with its vertical and horizontal T-nut-slots
- » Optional extendable with vertical or horizontal rotation tools



LARGE MACHINE TABLE

- » Economical sectioning by cutting force control and soft start-up control
- » Large sliding and side door for optimal access to cutting chamber; with safety lock when machine is running
- » Manual control of X-/Y-/Z-axis via industry-joystick



JOYSTICK-CONTROL

- » Incl. wear ring to protect arbour and optimal chamber illumination
- » Automatic central greasing
- » Further options: laser alignment aid, centrifugal separator to remove coolant



ADJUSTABLE CONTROL PANEL

TECHNICAL DATA

Cutting area WxHxD	1100 x 450 x 800 mm
Cut-off wheel	1 Ø 600 mm
	2 Ø 800 mm
Max. sample size	Ø 225 mm (reg. cut-off-wheel Ø 600 mm)
Arbour size	Ø 32 + 40 mm
Y-axis automatic	450 mm
X-axis automatic	700 mm
Z-axis automatic	700 mm
Precision Z-axis	0.1 mm
Table size BxT	1150 x 800 mm
T-slot	12 mm
Motor cutting wheel	30 kW, S1 mode
Power connection	50 kVA
Power supply	variable speed 1000-2000 rpm
	1 400 V/50 Hz (3/N/PE)
	2 480 V/60 Hz (3/PE)
WxHxD approx.	2200 x 2185 x 1860 mm
Weight (depends on equipment)	3500 kg