

# Brillant 2000 Cut Off Machine

24  
inch



## Industrial. Precise.

The Brillant 2000 Cut Off Machine is the heavy weight champ of the metallurgical lab. Rugged enough for the production environment, this machine retains the precision, easy operation, and safety features of a laboratory grade saw.

With a water-cooled 40 HP motor integrated into the swivel arm and 24 inch cut off wheel capacity, the Brillant 2000 has the ability to cut an 8+ inch round cross section. The cutting wheel optimizes automatic sequences, including

serial cuts, with 27.5 inches of horizontal cross feed movement (Z-axis) available.

Manual part positioning is possible with joystick control. Multi axis cutting modes are achieved via an intuitive touch screen display. Front and side doors offer wide open access to the cutting chamber, enabling bulky workpieces to be lifted onto the table with a forklift or overhead crane.

Providing laboratory grade cuts on massive or multiple parts, the Brillant 2000 is an investment that works for you.



## Brillant 2000 Cut Off Machine

Max Cutting Capacity:  
225 mm / 8.86" Diameter

Max Cut-off Wheel Size:  
600 mm / 24"  
800 mm / 32" (*upon request*)

Arbor Size:  
32 mm / 1¼" and 40 mm

Table Size:  
1150 x 800 mm / 42 x 32"  
12 mm T-slot

Horizontal Table Movement:  
700 mm / 27.5" Travel

Vertical Wheel Movement:  
450 mm / 17.7"

Z-axis Wheel Movement  
700 mm / 27.5"

Speed:  
1000 - 2000 rpm, variable

Motor: 40 HP

Power:  
480 V / 60 Hz, 3 Phase

Dimensions W x H x D:  
130 x 86 x 73"

Weight: 8000 lbs

Recirculation System:  
220 L / 58 Gallons

Automatic Central Greasing  
System

### Optional:

Automatic Cutting Wheel  
Measurement Tool

Mist Extractor

Laser Alignment Tool



An intuitive color **Graphic Touch Screen Display** for creating and storing a virtually infinite number of cutting programs



The **Automatic Cross Feed** enables horizontal movement of the cutting wheel to achieve precision Z-axis serial cuts



The **Side Door** provides the user easy access for cut off wheel changes



Choose from a wide selection of **Clamping Solutions** including customized options to meet your lab's unique needs

