

# Brillant 285 Cut Off Machine

20  
inch



## Dynamic. Powerful.

The **Brillant 285 Cut Off Machine** combines industrial strength with precision control.

A water-cooled 20 HP motor integrates into the swivel arm. Well-suited for 20 inch cut off wheels, the Brillant 285 has the ability to cut a 7+ inch round cross section. The cutting wheel optimizes automatic sequences, including serial cuts, with 21.5 inches of horizontal cross feed movement (Z-axis) available.

An automatic wheel measurement tool tracks the

diameter of the cutting wheel before each cut. By adjusting speed as the wheel becomes smaller, this new option ensures a consistent cut rate.

Front and side doors provide easy access to the cutting chamber, enabling bulky workpieces to be lifted onto the working table. With ample space and programmability, clamping and cutting multiple parts is possible.

The Brillant 285 is the ideal choice for large part or high volume sectioning.



# Brillant 285 Cut Off Machine

Max Cutting Capacity:  
190 mm / 7.48" Diameter

Max Cut-off Wheel Size:  
600 mm / 24"

Arbor Size:  
32 mm / 1¼" and 40 mm

Table Size:  
750 x 600 mm / 29.5 x 24"  
12 mm T-slot

Horizontal Table Movement:  
550 mm / 21.65" Travel

Vertical Wheel Movement:  
370 mm / 14.56"

Z-axis Wheel Movement  
550 mm / 21.65"

Speed:  
1000 - 2400 rpm, variable

Motor: 20 HP

Power:  
480 V / 60 Hz, 3 Phase

Dimensions W x H x D:  
96.5 x 86 x 58.5"

Weight: 5000 lbs

Recirculation System:  
170 L / 45 Gallons

Automatic Central Greasing  
System

### Optional:

Automatic Cutting Wheel  
Measurement Tool

Mist Extractor

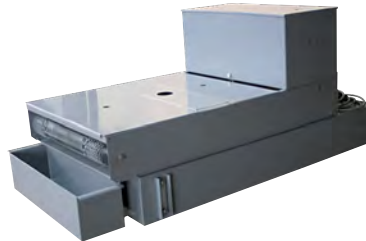
Laser Alignment Tool



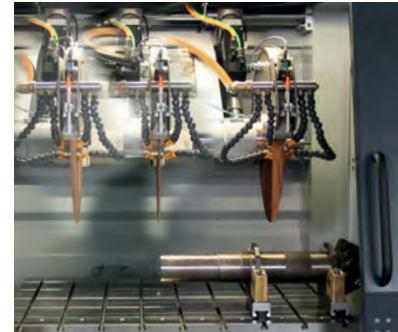
An intuitive color **Graphic Touch Screen Display** for creating and storing a virtually infinite number of cutting programs



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



The optional **High Volume Recirculation Band Filter** removes debris from coolant and preserves coolant life



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

