

# Brillant 275 Cut Off Machine

17  
inch



## Automatic. Versatile.

The **Brillant 275 Cut Off Machine** combines the best design characteristics of ATM cut off machines with precision control, two-axis cutting movement. A 17 inch cut off wheel and a 20 HP motor provide the ability to cut a 6 inch round cross section.

Solid welded aluminum plate construction houses a powerful motor that is mounted outside the cutting chamber. The large, stainless steel T-slot table will accommodate a wide variety of clamps including the best quick clamping vise on the market.

Only the Brillant series offers cutting modes such as step, pulse, saw, orbital and wave that reduce the contact area of the cutting wheel for cutting very hard or large parts.

The Brillant 275 is ideal for large part or high volume sectioning.



# Brilliant 275 Cut Off Machine

Max Cutting Capacity:  
190 mm / 7.48" Diameter

Max Cut Off Wheel Size:  
508 mm / 20"

Arbor Size:  
32 mm / 1¼" and 40 mm

Table Size:  
700 x 500 mm / 27.6" x 20"  
Without Z-axis, 12 mm T-slot

550 x 500 mm / 21.6" x 20"  
With Z-axis, 12 mm T-slot

Horizontal Table Movement:  
420 mm / 16.5" Travel

Vertical Wheel Movement:  
280 mm / 11"

Speed:  
1000 - 2800 rpm, variable

Motor: 20.0 HP

Power:  
480 V / 60 Hz, 3 Phase

Dimensions W x H x D:  
53 x 73 x 49"

Weight: 2250 lbs

Recirculation System:  
200 L / 53 Gallons

Automatic Central Greasing  
System

### Optional:

Automatic Z-axis Cross Feed  
Travel Range: 200 mm / 8"

Automatic Cutting Wheel  
Measurement Tool

Laser Alignment Tool



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



Optional **Mist Extractor** keeps cutting chamber clean and aids in clear visibility of cutting operation



Easy access **Cutting Chamber** makes clamping large and long parts a snap



Large, **53 gallon Aluminum Recirculation System** is mounted on wheels for easy cleaning and uses filter bags to preserve coolant life

