

Brillant 290 Cut Off Machine

24
inch



Powerful. Massive.

The **Brillant 290 Cut Off Machine** is the heavy weight champ of the metallurgical lab. The Brillant 290 is unequalled in it's ability to cut large forgings, hardened parts or assemblies.

A 24 inch cut off wheel and a 21 HP motor provide the ability to cut a 8.6 inch round cross section. A full length stainless steel door slides open to reveal ample room for large parts along with a universal T-slot table to make clamping easier.

Two axis movement of the cut off wheel and table are controlled by a touch screen panel. Several different cutting modes can be programmed into memory to create unique low contact area cuts such as oscillation and wave cuts for hardened materials. Only the Brillant series from ATM has this flexibility.

The Brillant 290's massive size and capacity is a great cost cutting option by providing laboratory grade cuts on even the largest parts.



Brilliant 290 Cut Off Machine

Max Cutting Capacity:
220 mm / 8.6" Diameter

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

Arbor Size:
40 mm / 1½"

Table Size:
1000 x 800 mm / 40 x 32"
12 mm T-slot

Horizontal Table Movement:
650 mm / 25.6" Travel

Vertical Wheel Movement:
165 mm / 6.5"

Speed: 1200 rpm

Motor: 21.0 HP

Power: Specify Voltage,
60 Hz, 3 Phase

Dimensions W x H x D:
107 x 77 x 70"

Weight: 5500 lbs

Recirculation System:
200 L / 53 Gallons

Automatic Central Greasing
System

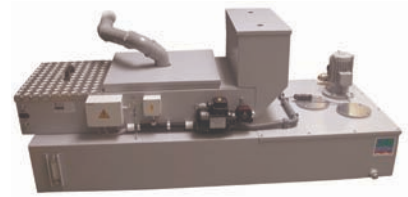
Optional:

Z-axis Table
for Parallel Sectioning
Range 300 mm / 12"

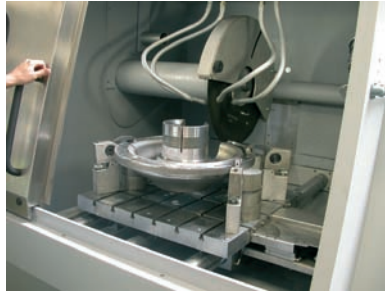
High Volume Recirculation
Band Filter



Graphical Touch Screen Controller is mounted on an adjustable pivot arm away from the cutting environment



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



Large Sliding Doors allow operator to load the machine using a fork lift or crane



At over 2 tons, the **Brilliant 290** is largest metallurgical cut off machine available

