“It is built the way I would have built it; solid, heavy and servo driven. It is truly the ‘Cadillac’ of Cut-Off Machines”

Mike B., Production Manager at Sharon Cutwell, Belgium WI

Finally, an Automatic Cut-Off Machine that takes into account all of the tooling manufacturers’ needs. This production machine is ideally suited for the precision cutting of carbide and Hardened HSS rods automatically. The large capacity automatic loader allows for hours of unattended operation. Easily transition between production work and regrinds with “quick change” fixture and touch panel interface in under 5 minutes. Unparalleled productivity increase when compared to other automatic cut-off systems that are out in the market.
**Rod Materials Cut:**
*Tungsten Carbide or Hardened HSS

**Rod Diameter Range:**
*3mm (.118") to 40mm (1.5")

**Rod Length Range:**
*25.4mm (1") to 430mm (17")

**Loading:**
*Manual or Automatic

**Cut-Off Wheel Requirements:**
*200mm (8") dia x 1 mm (.040") wide x 32mm (1-1/4") bore
- Diamond wheel for Carbide
- CBN wheel for HSS

**Work Holding:**
*Variable pneumatic clamping
- Single clamping for cut-offs/regrinds
- Dual clamps support rod on either side of the cutting wheel

**Lighting:**
*Internal – Coolant/Liquid proof lights
*External – Andon Signal Light

**Enclosure:**
*Fully enclosed, powder coated with multiple viewing windows. No drip access door with removable catch tray. Provision for mist/fume collection and fire suppression systems available.

**Machine Specifications:**
Overall Dimensions: 1423 mm (56") Long x 1220mm (48") Wide x 1474mm (58") High
Electrical Requirements: 220-240 volts, 3 phase, 50/60Hz, 20A
Weight: ≈ 680.5 kg (1,500 lb)

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**Spindle Motor:**
*3 HP motor – variable speed via touch screen control

**Wheel Sensor:**
*Monitors wheel edge, automatically compensates for wheel wear and has programmable stop distance