

# Horizontal HCS660

## 2 Axis CNC Coil Cutoff Machine



### 2 AXIS MODEL HCS660

The redesigned model HCS660 Horizontal coil cutoff machine drastically reduces stripping time compared to old hammer and chisel methods. Normally the investment in a Horizontal Cutoff Machine can be completely recovered in less than a year, and in some high volume shops, its only a matter of months. Stripping motors becomes a matter of minutes rather than hours when using a Horizontal Cutoff Machine.

The new CNC Control is programmable for different size Motors. Feeds, Speeds and Cutting Conditions can now be optimized for efficient coil cutting. The powerful servo motors accurately move the cutting wheel to give a uniform circular path.

The Control is ultra easy to use and comes with a flip down keyboard and trackball mouse. Mach 3 Software simplifies set-up and programming. The third axis power-feed option allows for easy jogging of the cutting wheel into position.

All around, the HCS660 Coil Cutoff machine is an efficient and cost effective way to cut coils for rebuilding electric motors.



(3rd Axis Power-feed Option Available)

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## **MACHINE SPECIFICATIONS**

Approx. Shipping Wt. - 900 lbs.

Approx. overall dimensions when assembled - 60"W x 78"L x 80"H

Spindle Speed - 4140 RPM

Drive Motor - 5 HP 230V Three Phase.

Max. Cutting Wheel Dia. - 10" - (8" Remgrit Cutting Wheel - Standard)

Motor Frame sizes that can be handled:

Maximum: Motor frame diameter - 36" (Custom Machine Sizes are Available)  
Maximum motor frame length - 60"

Linear Motion System - Pillow Blocks and Ball Screw

Frame - 80/20 Rail System Components

Servo Motors - 50 Inch Pound Brushless Servo Motors

Optional Powerfeed Motor - .08 HP Baldor Motor, 60 RPM, 50-60 HZ

(Cargo Straps are included for holding down stators)

## **CONTROL & SOFTWARE SPECIFICATIONS**

- 15" LCD Flat Panel Monitor (Optional Touch Screen Available)
- X15-110 Computer
- Microsoft Windows Home
- Mach3 CNC Software
- Flip Down Keyboard & Trackball Mouse
- 5v and 12v DC Power Connections

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