

# HIGH CARBON AND SPECIALTY ALLOYS SYNCHRO CUT SERIES

For high carbon and specialty alloys, the Synchro Cut Series covers a diameter range of 0.098" to 0.750" (2.5mm to 19.0mm). Featuring the "industry-standard" Lewis five die arbor, patented Clutchless Cutter, and the innovative travel cut shear for continuous material movement, these machines truly keep up with the pace of production.



### STANDARD FEATURES

- Able to handle up to 250,000+psi (1725+ N/mm<sup>2</sup>) UTS material
- Travel cut shear for continuous material movement
- Variable speed arbor and feed heads
- Arbor, cutter, and feed heads powered by independent VFD and premium efficiency motors
- Laser trip flag release assembly, with length adjustments up to 1" (25.4mm) while the machine is running
- Entry wire guide assembly with lubrication box
- Programmable safety shut down timer, stops machine if a feeding problem restricts wire and reduces scrap
- Programmable parts batch counter, stops machine when desired number of cut parts is reached
- Fault/Status messaging with history
- Recipe management
- Touch panel and PLC
- PLC I/O status display for diagnostics

### OPTIONS & ACCESSORIES

- Gravity lube system
- M1010A Huskie cutter
- Hour meter
- Hardened guide bar and clapper bar
- Sound dampening catch pan
- Commissioning and training
- Additional sets of tooling
- Parts discharge ramp
- Batch ramp works with programmable batch counter
- Advanced diagnostics package for continuous machine monitoring
- Recipe management software for production control and operator setup
- Maintenance management schedule

## MODELS

### MODEL 8TM

Wire Diameter Capacity:  
0.062" – 0.315" (1.6mm – 8.0mm)

### MODEL 12TM

Wire Diameter Capacity:  
0.188" – 0.500" (4.8mm – 12.7mm)

### MODEL 16TM

Wire Diameter Capacity:  
0.315" – 0.630" (8.0mm – 16.0mm)

### MODEL 19TM

Wire Diameter Capacity:  
0.375" – 0.750" (9.5mm – 19.1mm)

### MODEL 22TM

Wire Diameter Capacity:  
0.438" – 0.875" (11.1mm – 22.2mm)