

# INDUSTRIAL, TWO-SPEED AUTOMATIC WIRE, TUBING & CABLE CUTTING MACHINE



## MODEL: AC-250 & AC-500 Features & Specifications

(Rubber or Steel feed rollers)

For More Information & Ordering:  
Call 417-285-3684 or E-mail [Info@autocutterusa.com](mailto:Info@autocutterusa.com)

### STANDARD FEATURES - TWO-SPEED FEED RATE SELECTION

- I/O On/Off Switch
- High Torque Stepper Motor
- Inch & Centimeters Selection
- Error Screen Assistance
- Batch Processing
- 2 Line LCD Display
- Computerized Calibration
- Easily Portable / Bench-Top Secure
- Real-Time Batch Qty Cut Display
- Easy Operator Interface - 20 Touch Key
- Knurled Metal Feed Rollers (*standard*)
- No Pre-Feeder Required
- Save & Recall Up to 12 Production Cycles
- Self Adjusting for All Material Types (*No Tool/Die Changes*)
- Material Jam Sensor
- Knife Cutting Sensor
- Test Material Option

### SPECIFICATIONS

|                      |  |
|----------------------|--|
| DIMENSIONS           | 8.5" W x 7.0" H x 6.5" D   |
| WEIGHT               | 16 lbs   |
| CUT LENGTH           | Minimum: 0.2" / 0.3 cm – Maximum: 9999.9" / cm                       |
| LENGTH INCREMENTS    | 0.1" / 0.1cm   |
| ACCURACY             | 0.016" </ = 1%   |
| BATCH COUNT CAPACITY | 1 to 9999  |
| TWO-SPEED FEED RATE  | 15"/min to 30"/min Operator Selected                                 |
| ELECTRONICS          | Micro-Controller / Solid State                                       |
| DISPLAY              | 2 Line LCD Module  |
| VOLTAGE              | 110 v & 50-60 Hz   |
| CUT BLADE            | Tool Steel (RC 56)   |
| HARDWARE             | Bench Mounting<br>(AC-250 <i>Optional</i> , AC-500 <i>Standard</i> ) |
| RUBBER FEED ROLLERS  | URETHANE ( <i>Optional</i> )   |

### PRODUCTION RATES

(Static Run Speed 30 ft/min)

| LENGTH | PIECES/HOUR |
|--------|-------------|
| 1.0"   | 4500        |
| 3.0"   | 4560        |
| 6.0"   | 2750        |
| 12.0"  | 1450        |
| 72.0"  | 300         |
| 120.0" | 180         |
| 240.0" | 80          |

### MATERIAL CAPABILITIES (Not Limited to..)

#### WIRE

|                        | AC-250 | AC-500 |
|------------------------|--------|--------|
| 10 Awg to 16 Awg       |        | X      |
| 12 Awg to 40 Awg       | X      |        |
| Soft Steel & Buss      | X      | X      |
| Aluminum & Magnetic    | X      | X      |
| Thermocouple Wire      |        | X      |
| Teflon                 | X      | X      |
| Thin Gauge Metal Strip | X      | X      |

#### FLEXIBLE TUBING

|                              | AC-250 | AC-500 |
|------------------------------|--------|--------|
| .004" OD TO 3/8" OD          | X      |        |
| 1/4" OD TO 1/2" OD           |        | X      |
| Nylon Reinforced Hose        |        | X      |
| PVC, Poly, Vinyl, Rubber     | X      | X      |
| Plastic / Medical / Silicone | X      | X      |

### CORD & CABLE APPLICATIONS

|   | AC-250 | AC-500 |
|---|--------|--------|
| Most up to 1/4" OD                          | X      |        |
| Most up to 7/16" OD or 10-2 equivalent      |        | X      |
| Coax & SO                                   | X      | X      |
| Twisted Pairs                               | X      | X      |
| Power & Zip Cord                            | X      | X      |
| Audio & Marine                              | X      | X      |
| CUSTOM MATERIAL ( <i>Consult Engineer</i> ) | X      | X      |