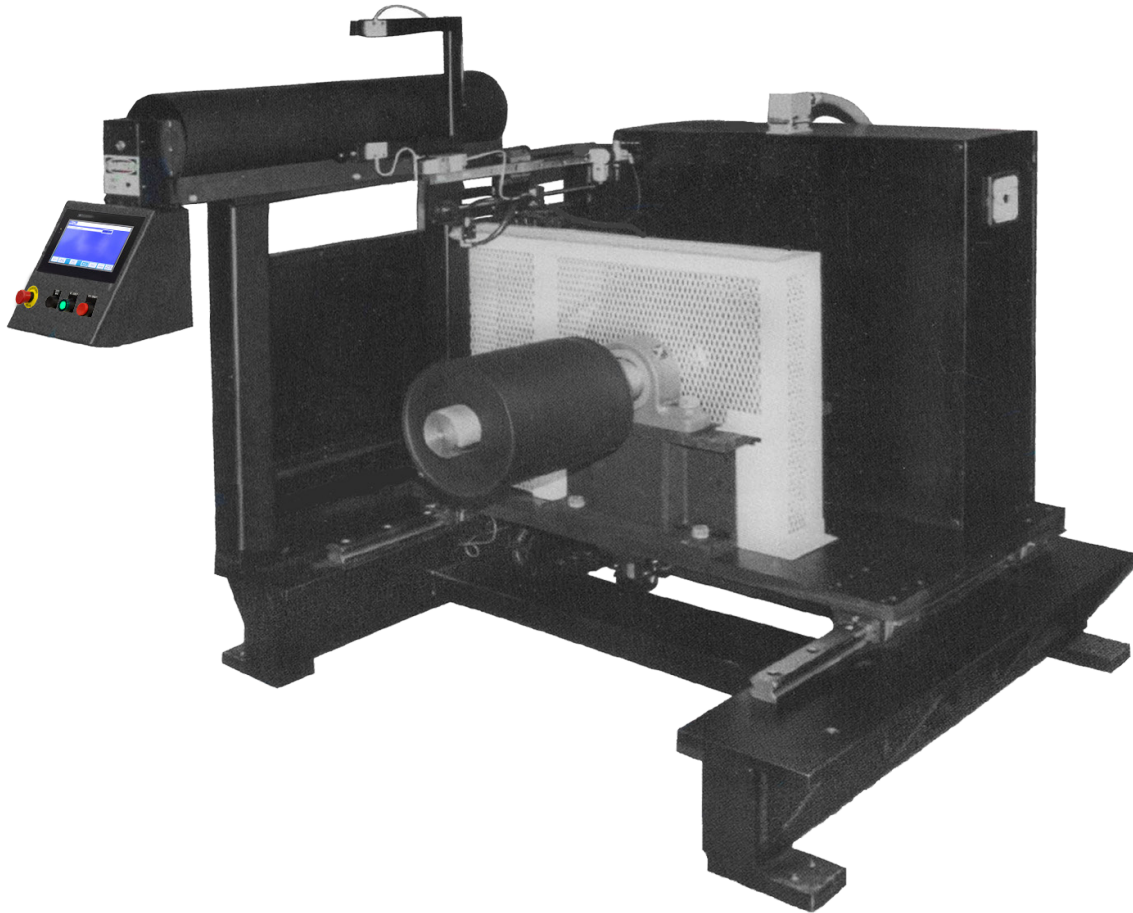




# Coilmaster 6000

## Model 6000 Stock Take-Up



### FEATURES

- 6000 pound weight capacity
- 48" coil diameter capacity
- 16" material width
- Edge control system
- Programmable stock tension constant or variable
- 12" diameter by 16" wide expanding mandrel
- Urethane coated infeed guide roller
- Microprocessor controlled with operator interface
- Reversible left hand and right hand operation

### OPTIONS

- Back flange (aluminum or steel)
- Paper payout spindle
- 16" diameter expanding mandrel
- Second roller for S-wrap infeed
- Tail clamp
- Custom mandrels and flange arrangements also available

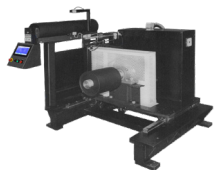


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JCR Automation  
1426 Ryan Rd  
New Haven, IN 46774  
Phone: 260-493-6606





# Coilmaster 6000

## Specifications

### POWER REQUIREMENTS

240 VAC, three phase, 20A

### AIR SUPPLY

Required with tail clamp only (80PSI Minimal CFM)

### STOCK SIZE

1" to 16" width.

### COIL SIZE

12" Standard ID, 16" Optional ID, 48" Maximum OD,  
16" Wide, 6000 pound weight capacity

### FEED RATE

50 FPM with 12" mandrel standard Other feed rate  
available at customer request.

### MANDREL

Standard 12" expandable 11 1/2" to 12 1/2"  
Optional 16" expandable 15 1/2" to 16 1/2"

### PRODUCT FEED

Left to right or right to left (must be specified).

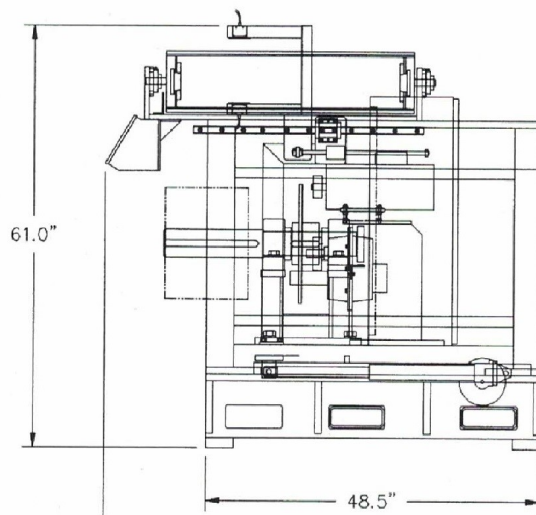
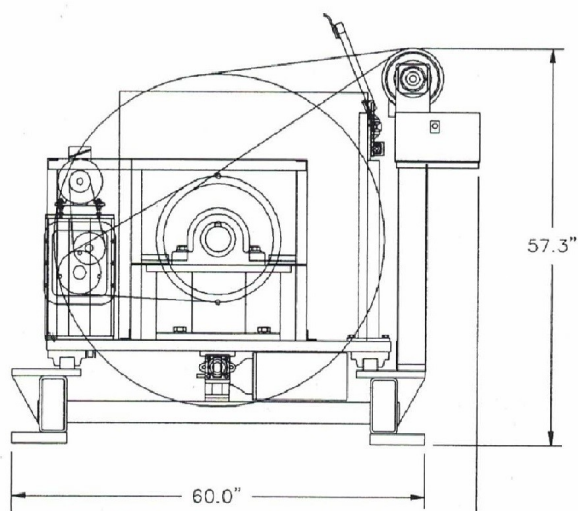
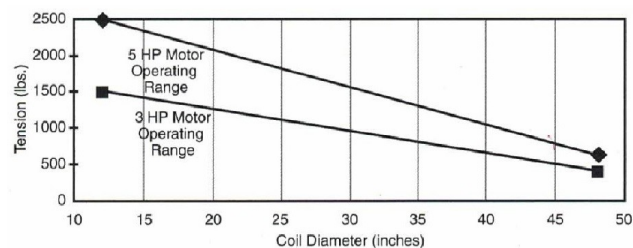
### EDGE CONTROL SYSTEM

Analog optical edge sensor (manually set by the operator) with programmable offset, ball screw actuator driven by a 112 HP DC motor and controller, and linear slides.

Automatically adjusts mandrel position to provide near perfect coil geometry.

### SPINDLE MOTOR

Programmable torque/tension, 3HP brushless DC drive 0 to 9,500 in.-lb. torque at the spindle. Optional 5HP brushless DC drive 0 to 15,000 in.-lb. torque at the spindle. Programmable tension set point at minimum and maximum coil diameter.



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