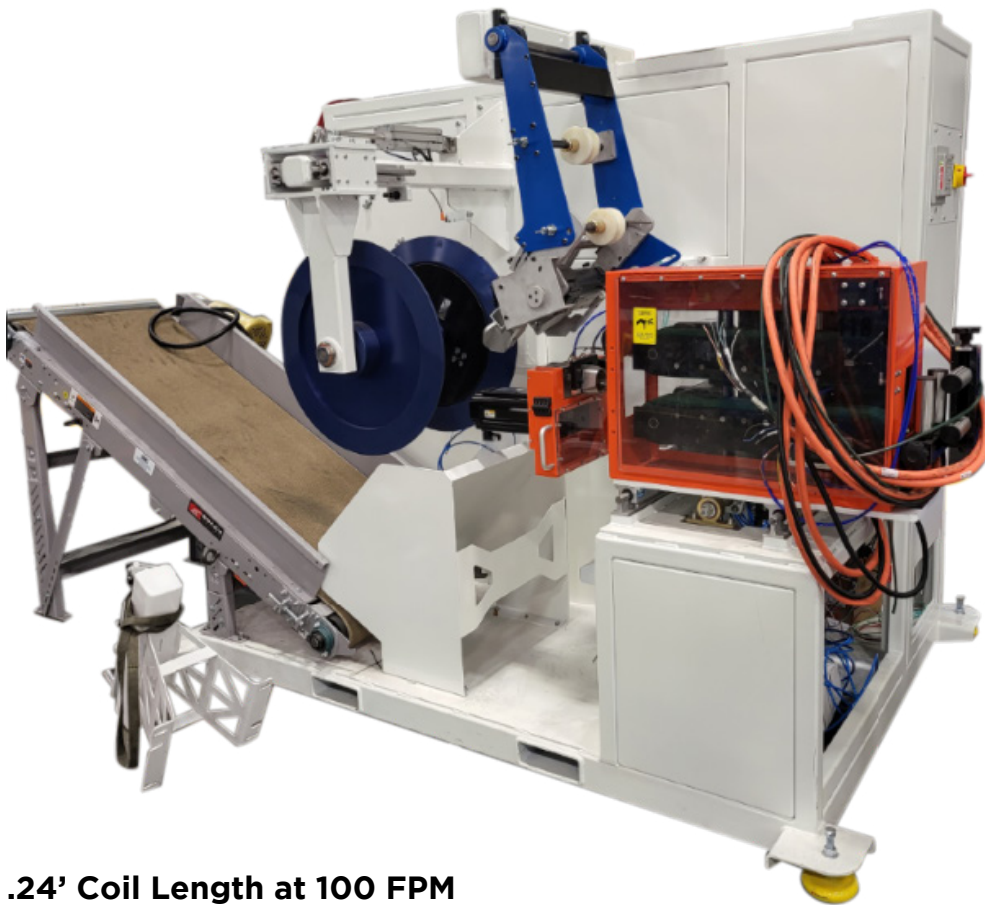


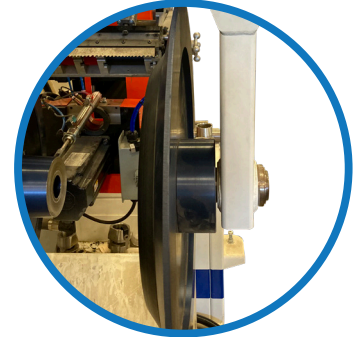
CUSTOM ARC

Automated *Coiler for Corrugated Pipe with Stretch Wrap*

Reel Power Industrial's custom ARC series single spindle film wrap coiler can be configured to work in-line. Corrugated coil will be film wrapped and auto ejected to customer box or optional discharge conveyor.



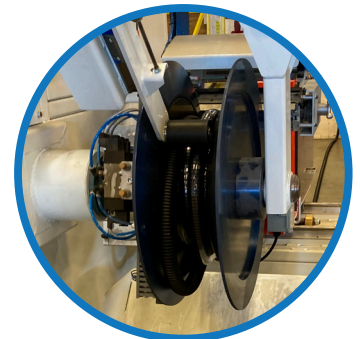
.24' Coil Length at 100 FPM



**AUTOMATIC SIDE PLATE
COILING HEAD**



**STRETCH WRAPPED
CORRUGATED PIPE**



AUTOMATED TAIL RETAINER

Automated Coiler for Corrugated Pipe with Stretch Wrap

System Concept Includes the Following Integrated Components

ACCUMULATOR DANCER:

- Accumulator dancer would include;
 - Free standing with cable disconnect
 - Multiple grooved nylon sheaves for up to 100' accumulation (weighted for tension).
 - Non-contact ultrasonic sensor, electronically integrated for precise closed-loop speed control
 - Remote mounted dancer pot (start-up assist feature) enabling operator to control pick-up speed remotely while matching line speed.
- Servo Driven Cutter (integrated with coiler):
- Multi-Function, High Speed Cuff Detection Control
 - Recipe control (up to 50) integrated with cutter, skipping cuffs as required. A high-speed fiber optic non-contact sensor locates the end of each selected cuff and a puller mounted high-resolution encoder then measures specified distance to cut location (+/- 0.050")
- Cutter; 2" capacity with blade holder directly attached to a high-performance brushless servo motor
- Includes 2.250" O.D. bushings
- Drive; 12 Amp servo drive (3,000 Watts servo drive - 4 HP)
- 10" color touchscreen interface for both puller and cuff cut control
- Selector switch ensures three blade speeds;
 - 800 RPM, 1,200 RPM, 1,700 RPM

ON-LINE SYSTEM DELIVERABLES & PERFORMANCE EXPECTATIONS:

- System configured for maximum 100 FPM Right to Left on-line installation.
- Dancer will accumulate up to 100' of sump hose (2 sizes).
- Fully automatic film wrap coiler will be integrated with cuff detection and cutter for 24' coil lengths.
- The film wrapped 24' sump hose coil is auto ejected to customer box or optional discharge conveyor.

CUSTOM ARC025 SINGLE SPINDLE COILER WITH FILM WRAP & AUTO EJECT (RIGHT TO LEFT LINE DIRECTION):

- AC servo driven ball screw traverse system;
 - Electronically coupled to spindle drive for precise levelwind layering
 - Sump hose guide arm integrated with pneumatic clamp and hose end sensor
 - Automatically receives leading hose end, pneumatically clamp hose, extend and feed hose end to coil wheel, release hose end and retract.
- AC servo driven auto collapse coiling head;
 - 4" ID x 5" Wide x 24" OD
 - Configured with pneumatic hose end clamp
- Automatic Coil Eject from Coil Wheel;
 - Discharge wrapped coil to customer box or optional discharge conveying system.