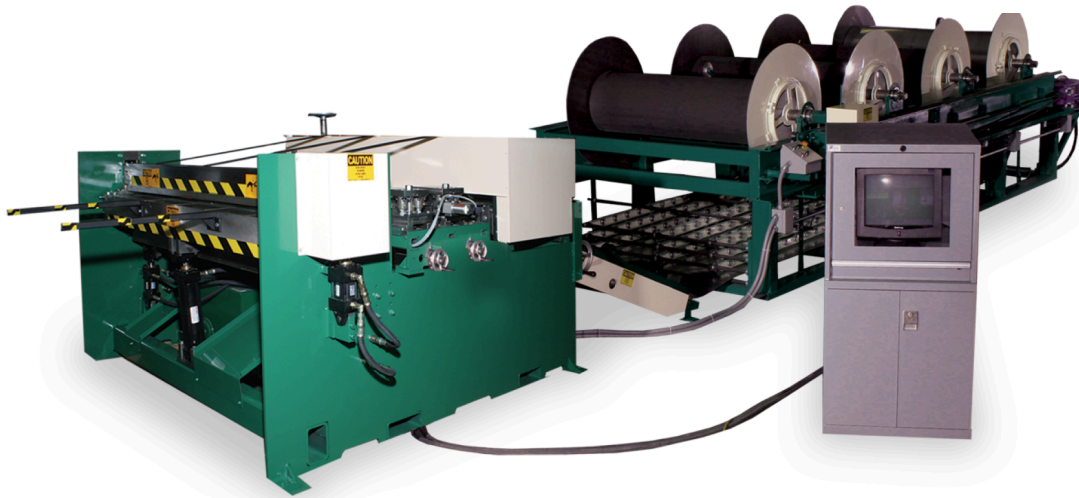


# SHEAR & BEND



The VICON Shear & Bend offers a practical solution for shop needs, featuring a patented coil cradle system, ramp, straightener unit, beader, notching unit, and heavy-duty shear and bending unit. The Full Coil line can be easily completed with additional modular VICON coil line components.

## FEATURES & BENEFITS

- ▶ Pneumatic back-up wheels at each coil station for safe band removal and positive coil feed
- ▶ High-speed servo feed system gear-driven four roll straightener with 4" diameter rolls
- ▶ Individual coil drive motors on each coil station
- ▶ Robust, gear-driven four roll straightener with 4" diameter rolls
- ▶ Ring type beading with SMACNA spacing
- ▶ Heavy-duty notching unit with combination dies to provide Slip & Drive, TDX, Snaplock and Pittsburgh notch patterns
- ▶ Dual hydraulic cylinder shear with high carbon, high chrome D-2 shear blades. Fully adjustable heavy duty gibs allow for independent blade gap adjustment. Heavy-duty torsion synchronization shaft ensures proper shear angle throughout the stroke
- ▶ Rugged bending unit to form the male Pittsburgh edge as well as an L-section, U-section, or full wrap
- ▶ VICON PC based control system capable of controlling the complete system
- ▶ Hands-free coil feed

## STANDARD SPECIFICATIONS

- 16-30-gauge mild steel capacity
  - \*12,000 lbs. max coil capacity (with coil drive)
  - \*Coil widths from 48"- 60" standard
  - \*Number of Stations: 1-6
  - Quick-change coil spools (US Patent #7,673,915)
  - Individual Hydraulic coil drive motors
  - Powered in-feed guide ramp with hand wheel for change in coil widths
- \* Optional capacities available upon request

## OPTIONS

- Tie rod hole punch unit Model HP-5 provides tie rod damper holes per SMACNA standards or customizable to your shop standards
- Male button punch system for Snaplock male edge
- Dual Head Cleat Edge rollformer to form the female cleat edges on L-Section or full wrap section
- Economical overfed coil cradle systems for smaller overall footprint