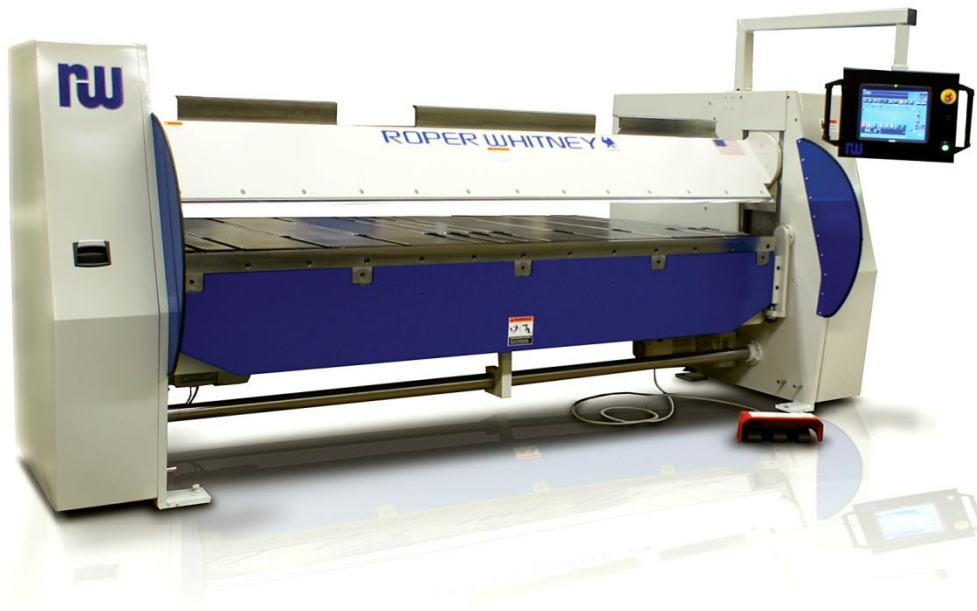


## AUTOBRAKE



Roper Whitney's CNC folding Systems will reduce labor costs, improve part accuracy, reduce set up time, minimize tool change and improve part quality especially on soft and prepainted material

The Autobrake combines automated bending of angles up to  $145^{\circ}$ , material clamping, and material support into a single CNC controlled system employing wing bending techniques.

Offer 10' bending lengths with capacities of 16 and 14 gauge, straight bending or combination straight and box & pan.

# Autobrake Features

## **INTEGRATED SHEET SUPPORT AND MATERIAL POSITIONING:**

Work pieces are fully supported by the table beneath the clamping jaw, and automatically positioned to an accuracy of +/- .004 by the computer controlled automatic gauge.

## **ECS 904 CNC CONTROL SYSTEM:**

### **Programming features are:**

Bend Angle/ Gauging Distance/ Offsets for Hem operations/ Programmable Delay for Back Gauge/ Open, Closed or Tear Drop Hems/ Open Hem Height/ Clamping Force/ Jaw Opening? Automatic Sequence/ Tool Selection (Kombi Beam Design)/ Radius Profile Macro/ Customer Alpha-Numeric Part Number/ Information Screen for Entering Part Related Data/ Material Handling Instructions/ DFX Capability/ Spring Back Compensation.

## **"VSD" BENDING SYSTEM:**

The Variable Speed Drive system delivers advanced positioning of the bending beam in radius forming applications. This system provides precise control over the small angles used to produce these radius forms. Standard bends are also enhanced, yielding bending accuracies of  $\pm 1/2$  degree.

## **CROWNING SYSTEM:**

The system provides a quick easy method for adjusting the center crown of the bending tooling to improve bend accuracy, and adjust the work material straightness when forming radius bends. The system is manually adjusted, and locked in place by the operator.

## **Optional Features and Accessories**

### **Back gauge Extension Options:**

- 61" Back Gauge Extension
- Right-Hand Back gauge Extension
- Left-Hand Back gauge Extension
- U-Shaped Back gauge Extension
- 10' back gauge Extension
- Optional Side Squaring Arm (each)

### **Safety and Operation Options:**

- Light Curtain System
- Laser Scanning System
- Second Operator Footswitch
- Rear Operator Footswitch
- Optional Hardened Tooling
- 25mm (1") Folding Beam Tool

**Call us for a formal proposal or to discuss your application**