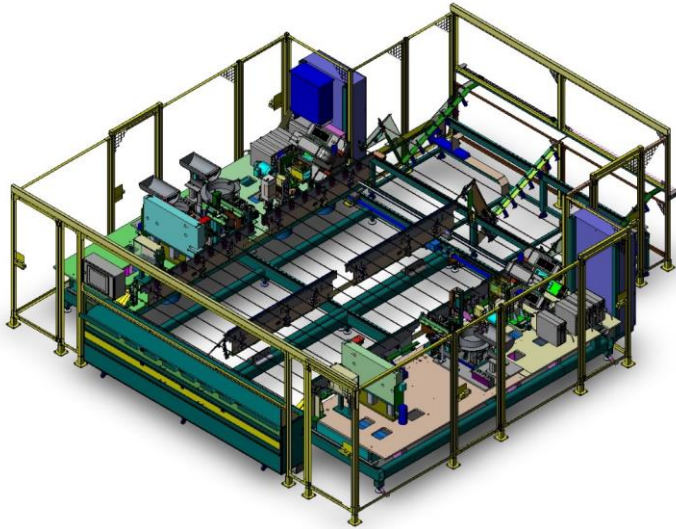


## Automated End-Forming & Laser Stripping Machine



### Description

CMP builds fully Automated End-Forming & Laser Stripping Machine based on customer specification. The machine is servo driven which can automatically adjust to specified tube lengths through HMI controls. Bulk tubes can be loaded which allows for a more self-efficient machine. A high speed tube transfer system allows each station to complete the stripping and forming process with a low cycle time. The stripping station uses four lasers to accurately burn off coating enabling the pneumatic presses to precisely form the tube ends. Throughout the machine a quick tooling changeover design was implemented to allow for short runs and lean manufacturing.

### Applications

- Brake lines
- Fuel lines

### Options Available

- Brush Deburr
- Reject Area

### Standard Features

- Bulk Feeding of Tubes
- Precision Tube End Locate
- Laser Micrometer Tube Length Measurement
- Laser Stripping
- Strip Length Inspection
- Fitting Feed System
- Washer Feed System
- Servo Pre-Locate
- Pneumatic End-Form Press
- Machine Guarding
- Table Position Feedback
- End-Form Vision Inspection
- Tube Blockage Verification
- High Speed Tube Transfer
- Servo Driven Table Adjustment
- Unload Area
- Touch Screen HMI
- Error Messaging System

### Specifications

- Cycle Time: 4-5 Seconds
- Tube Length Range: 300 – 2500mm
- Strip Length Range: 1.5 – 8mm
- Tube Diameter: 3/16" , 1/4"
- Tube Capacity: 400 (3/16" Dia), 225 (1/4" Dia)
- Electrical: 120VAC, 60Hz
- Pneumatics: 80 PSI

*Contact CMP directly for more information beyond the scope of this document*



#### CMP Automation Inc.

229 Boida Avenue, Ayr, Ontario, Canada, N0B 1E0  
 Tel: (519) 740-6035 Fax (519) 622-5894  
 Email: salescanada@cmpautomation.ca  
 Web: www.cmpautomation.ca