

## Semi-Automated Tube Bundle Assembly Machine



### Description

CMP builds Semi-automated Tube Bundle Assembly Cells to customer specifications accommodating almost any Bundle configuration you may require.

This Project consisted of user friendly tooling, allowing Bundle components to be loaded with ease. Automatic assembly is fast and safe, with the machine being easy to operate.

### Application

- Automotive Brake & Fuel Lines
- Automotive HVAC Components

### Features

- Easy to Load Tooling
- Colour Coded Tube Fixturing
- Tube and Clip Sensing System
- Safety Light Curtain Loading Area
- Machine Guarding
- Standard CMP Machine Controls
- Colour Touch Screen HMI
- Error Messaging System
- Assembly Graphical Diagram and Status Prompts

### Specifications

Diameter Range	3/16" to 1/2"
Length Range	6" to 120"
Cycle Time	
Electrical*	120 VAC, 60Hz
Pneumatic	80 PSI

\* Contact CMP for other power options available

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



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