

Product Name:	Bracket Wrap / Tube Hose Assembly Machine	
Product Description:	The machine is used to combine 2 separate tube assemblies into 1 assembly by wrapping brackets around the individual tube assemblies	
Overall Machine Size:	38 x 44	
Assembly Tolerances:	Bracket Location: ± 1.5mm	
Machine Controls:	Operator interface: Proface Programmable Interface PLC: Allen Bradley Pneumatic Valves: Mac	
Engineering & Fabrication Process Applied:	Primary: Engineering/Design Product Development Fabrication CNC Milling Welding Grinding	Secondary: Priming Painting Assembly Hardening
Equipment Used to Manufacture Machine:	CNC Mill Manual Mills Manual Drills Manual Grinders Automatic Grinders Manual Lathe Inspection Tools	Hand Tools Gage Pins Gage Blocks Height Gages Micrometers Dial Caliper
Material Used:	Machine Base Square Tubing 2" x 2" x 3/16 wall	Hot Rolled Steel Base Plate Thickness: 5/8"
	Tooling: made from a combination of material Hot rolled steel 1018 steel	A2 steel S7 Tool steel
	Guarding Sheet Metal: 16 GA Outside Panels: 16 GA Expanded Metal framed with C-Channel	
Material Finish:	Machine Base: Primed and Painted Guarding: Painted Black & Yellow	
Inspections / In Process testing:	Dimensional Inspection, Functionality Tests	
Standards Met:	Customer Specifications, CAD Drawing	
Industry for Use:	Automotive Industry Appliance Industry Agricultural Industry	Aerospace Industry Medical Industry
Delivery Location:	Versailles, Kentucky	