



**FUSE BONDED  
EXTRUSION LINE**

**Technical Specifications**

**Machines Description:** Equipment is designed to coat ferrous wire with Extruded PVC or Fuse Bond a high impact thermoplastic coating of various thicknesses and colors. The line is the most efficient and economical platform on the global market.

**Machines Data:**

<b>Models:</b>	250
<b>Approx. Wt.:</b>	7,775 Kg (17,143 lbs)
<b>Work Area</b>	30 m x 8 m (98' x 26')

**Machines Capabilities:**

<b>Prod. Speeds:</b>	250 m (820') / min
<b>Core Wire Diameter:</b>	2mm ( 0.080") to 3.7mm (0.148")
<b>Finish Wire Diameter:</b>	3mm (0.120") to 4.8mm (0.192")
<b>Wire Material:</b>	Soft Galvanized.
<b>Coating Thickness:</b>	0.2 mm (.008") coat on wire
<b>Block Diameter:</b>	Standard 660 mm (26") Special 550 mm (22") & 600 mm (24")
<b>Angles available:</b>	Extruder is set a standard of 90 degree to wire

**Machines Requirements:**

<b>Power:</b>	460 vac, 3 Ø, 60 Hz, 340 amps
<b>Pneumatics:</b>	17 m <sup>3</sup> /hr @ 0.55 N/mm <sup>2</sup> (10 CFM @ 80 psi)
<b>Water:</b>	Maintain holding tank level

**Machine Tooling Packages (tip & die sets):**

<b>Tip</b>		<b>Die</b>	
<b>Core:</b>	3.7 mm (9 ga or .145")	<b>Finish:</b>	4.1 mm (8 ga or .162")
	3.1 mm (11 ga or .120")		3.4 mm (10 ga or .135")
	2.7 mm (12 ga or .105")		3.0 mm (11 ga or .120")
	2.5 mm (12.5 ga or .099")		2.8 mm (11.5 ga or .113")
	2.0 mm (14 ga or .080")		2.3 mm (13 ga or .092")

**OPTIONS**

**BUTT WELDER** – Used for Butt-Welding wire ends from individual stand sizes varying from 1.016 – 4.064 mm (0.040" – 0.160") wire diameters ..... *inquire for pricing*

**SCREW EJECTOR** – Jack screw kit used for removal of Extruder Screw ..... *inquire for pricing*

