



## Anti-Corrosion Spray System

### Precision Arc 5.0 Thermion's Newest Arc Spray Model

"HIGHEST Production Low Energy"

The Precision Arc 5.0 is an improved spray system which incorporates all the improvements based on lessons learned for over 25 years of designing, building, and maintaining hundreds of Thermion arc spray systems worldwide. All attributes of the metalizing environment has been considered in this new advanced spray system which uses spraying wire of diameter 3/16" (4.8mm) for very high deposition rates of 70% DE at 700 amperes and 100% duty cycle even in high demand robot or machine automation, or up to 1000 amperes in most manual spraying operations. Dust in the metalizing environment causes the most havoc in thermal spray systems, this spray system has been design to combat dust in every way.

All moving parts are sealed requiring no maintenance. Electrically powered connections have been eliminated where possible while still allowing a portable and quick set- up system. Thermion's exclusive six roll drive system is simple yet effective in delivering wire to the spray head smoothly and continuously while reducing parts wear. See below recent advancements given in detail.

#### Features

- Preset Feed Roll Spring
- Four Knurled Feed Rolls
- Roller Bearing Wire Guide
- Integral Wire Straightener
- Six Roll Wire Drive
- Sealed Roller Bearings
- Volt Meter/Adjust
- Smooth Exiting Feed Rolls
- Air Adjust
- Air Pressure
- Amp Meter/Adjust
- Trigger Cord
- Air/Jog Switch
- E-Switch