

Dual-Feed Powder Feeder

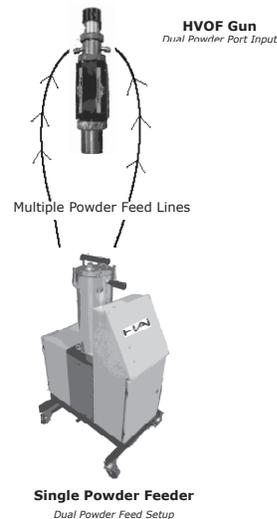
The HA 5171P-D powder feeder is a durable and rugged dual feeding unit specifically designed for heavy duty production feeding in thermal spray applications.

The powder is fed through two independent powder lines from one powder canister, with each powder line being controlled separately for optimized powder injection within the gun. This feature is especially useful when dual feeding is required without the added investment for a second powder feeder. The design and construction of this feeder has proven to offer greater dependability with unparalleled accuracy and consistent flow of powder to

the thermal spray gun. The control panel features a large digital display for easy programming and viewing of certain critical information; e.g. electronic display. The powder canister has been designed to tilt 180° allowing the operator fast, easy powder change outs.

The HA 5171P-D is the powder feeding unit that is designed and built for today's sophisticated thermal spray demands; utilizing a built-in load cell, powder consumption and feed rate control is only a matter of a push-button, thereby eliminating the time consuming and painstaking task of performing countless powder feeder "catch can" tests.

Additionally, the powder feeder carrier gas control unit maintains the powder canister at operating pressures even while the powder feed is shut off. The powder saving instant powder feed start and stop along with built in vibration capability and a durable cart for easy transportation and relocation are a few more features that make this feeder one of the most advance powder feeder on the marked today.



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dualpowderfeeder.indd

Features

- OIT PLC Feed Rate Control in RPM or g/min
- Single or Dual Feeding Capability
- Single or Dual Carrier Gas Capability
- Large PLC Display
- RS-232 Connection
- Rugged, Durable Design
- Electronic Canister Pressure Sensing
- Built-in Vibration Capability
- Carrier Gas By-Pass
- Instant Powder Feed Start and Stop
- Large Hopper Volume (7500 cm³ , 2 gallons)
- Audible and Visible Powder Level Alarm
- 180° Canister Tilt Capability
- Designed for Dual-Feed HVOF, APS, LPPS Usage (Vacuum Capability)

Benefits

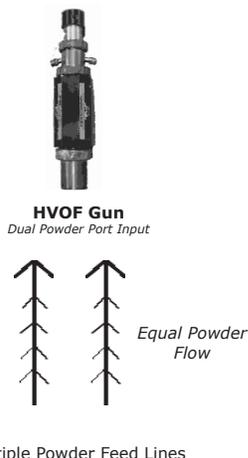
- Compatible with all Thermal Spray Systems
- Feeds All Powder Materials
- Easy Set-up and Programming
- Remote Operation and Recording Capabilities
- Load Cells Measure Accurate Powder Usage
- Low Maintenance
- Long Production Runs Without Refill
- Easy to Read Powder Level
- Fast and Easy Powder Change and Cleaning
- Low Powder Waste
- Constant Gas Flow
- Uniform and Accurate Powder Feeding, not effected by Canister Powder Level

Conventional System



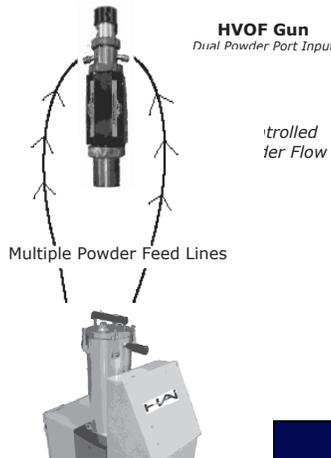
Single Powder Feeder
Single Powder Feed Setup

Advanced System



Multiple Powder Feeders
Single Powder Feed Setup

Superior HAI System



Single Powder Feeder
Dual Powder Feed Setup

Specifications

5171D-P Powder Feeder	
Weight	150 lbs 68 Kg
Dimensions	24" long X 20" wide X 36" high 60 cm X 51 cm X 92 cm
Electrical Input	110 VAC, 20 Amps
Air Pressure	min. 60 psi, max 120 psi
Feed Rate	10 gpm to 200 gpm

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