



®

***"Your Single Source for Engineering,  
Process, Machine & Controls"***

AUTOMATED MANUFACTURING SYSTEMS

## ***ARC-P1 Powder Feeder***

- Plasma Transferred ARC Welding and Stereolithography applications
- Optimized for feeding problem powders such as Titanium
- Typical feed range from 1/2 ounce per minute to 16 pounds per hour
- Hopper sizes up to 70 pounds
- Machined from a single billet
- Unique dual bearing roller system for precise alignment & support of the metering wheel
- Precision jack screws for wheel gap setting and adjustment
- Precise feeding holds weld tolerances to thousandths of an inch
- Gas feed for blanketing powder and pressurized feed for longer horizontal applications
- Option: variable speed motor feeds from ounces per minute to pounds per hour

## ***ARC-P1C Control***

- Powered by a standard 120 VAC outlet
- Large, bright LED display for current feed rate
- Toggle switch for feeder speed controlled by manual pot setting or by a remote input from an external system
- Feeder control can remain powered up with the motor switched off, or turned on/off by an input from an external system
- Determine ideal deposition rates for your custom powder blends
- Accurately adjust or replicate your process parameters

***The Ideal Combo  
for Laser Welds  
and More!***



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