



DM 1200 Series Powder Feeder



DM 1200 SERIES POWDER FEEDER SYSTEM INTRODUCTION

Our high quality and user-friendly rotary powder feeder (PF) DM 1200 series is designed to suit the processes of laser cladding, HVOF, HVAF, plasma spray and cold spray. Utilizing proven technology and electrical controls, the DM 1200 PF is highly efficient and reliable. The heart of the DM 1200 PF electrical control is the digital closed-loop controller, offering precise and accurate wheel speed. The series can also be remotely controlled by a PLC or computer, allowing the wheel speed to be controlled by a 0-10 DC or 4-20 mA signal. We also ensure all machined components that are manufactured, be fully inspected to guarantee the highest quality and functionality.

DM 1200 POWDER FEEDER SERIES KEY FEATURES

DM 1200-PF

- Designed for Laser Cladding, HVOF or Plasma Spray
- Digital wheel - speed local / remote control
- Hour meter
- Heater blanket
- 15 RPM motor
- 90 PSI (6.2 bar) maximum pressure
- 115 VAC or 230 VAC & 50 / 60 Hz capable
- +/- 2 % feed accuracy

DM 1200CSHP-PF

- Designed for Cold Spray application
- Digital wheel - speed local / remote control
- Hour meter
- Heater blanket
- 32 RPM standard motor
- 1000 PSI (69 bar) maximum pressure
- 3360 ml capacity
- 115 VAC or 230 VAC & 50 / 60 Hz capable
- +/- 2 % feed accuracy

DM 1200HP-PF

- Designed for HVAF and HVOF application
- Digital wheel - speed local / remote control
- Hour meter
- Heater blanket
- 32 RPM standard motor
- 150 PSI (10.3 bar) maximum pressure
- 115 VAC or 230 VAC & 50 / 60 Hz capable
- +/- 2 % feed accuracy

DM 1200LC-PF

- Designed for Laser Cladding application
- Digital wheel - speed local / remote control
- Hour meter
- Heater blanket
- 15 RPM standard motor
- Advanced closed loop controller
- 100 PPR for increased resolution
- 115 VAC or 230 VAC & 50 / 60 Hz capable

For application specific guidance on proper spraying procedures and parameters, please contact us at tech.support@durametal-alloy.com