

SimpliFlow™

Powder feeding made simple



PF Tech

The SimpliFlow™ difference

- Precise stable feeding at low to high feed rates, pulsation free
- Accepts very wide powder particle size range [10-800 um]
- Easily feeds freely-flowing and non-freely flowing powders
- 3.0L canister for extended production runs
- Powder is taken from the top rather than the bottom
- Foreign particles in the powder do not influence feed stability
- Suitable for thermal spray, laser cladding processes and powder-fed additive manufacturing process
- Rated to 7bar
- Fits to your existing standard volumetric rotary powder feeder
- Only one wear part, no stirrers, dampers or powder discs required
- Strip and clean in only a few minutes, saving several hours per week
- The powder pick up disc is quickly replaceable via click system
- The inner glass canister acts as powder storage container, supplied with lid and air evacuation valve
- Allows for safe powder handling
- Cleaning and filling of the inner glass canister can be achieved remotely in an air extracted room or box
- Patented Design
- Full Powder Feeder systems available with SimpliFlow



SimpliFlow™

Powder feeding made simple



PF Tech

Powder Feeder - complete

- Available with 1, 2, 3, or 4 positions
- Stand Alone version with integrated easy to use color graphical HMI
 - PFT-Single-SA
 - PFT-Twin-SA
 - PFT-Triple-SA
 - PFT-Quad-SA
- Can be provided as remote on/off as part of your thermal spray, laser cladding or power-fed additive manufacturing process
 - PFT-Single-RO
 - PFT-Twin-RO
 - PFT-Triple-RO
 - PFT-Quad-RO
- Supplied with SimpliFlow powder hoppers
- Digital mass flow controllers for carrier gas

