Leading Solutions in Surface Coating

Plasma, HVOF and Vacuum (VPS) Equipment and Systems

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Leading Solutions in Surface Coating

**Plasma and HVOF Systems and Equipment**

**Plasma, HVOF and Flame Spray Systems**

**UP 80MV Plasma, HVOF and Flame Spray Systems**
- Plasma system with F4, 9MB, 3MB or SG-100 guns
- HVOF system with Kerosene (JP) or gaseous fuel
- Stand Alone Plasma, HVOF and Flame spray systems
- Systems use standard plasma/HVOF powder feeders
- MassView® process gas controllers

**Mass Flow, Multi-Process HVOF & Plasma Systems**

**MP 200, Multi-Process Plasma and HVOF Systems**
- Mass Flow Control of all Process Parameters
- Plasma F4, 9MB, 3MB and SG-100 guns
- HVOF JP5000®, DJ and JetKote® guns
- Color touch screen operation
- PLC closed-loop process control
- Complete spray cell integration

**Vacuum & Low Pressure Coating Systems**

**VPS and LPCS Systems**
- Vacuum, Low Pressure Plasma
- Plasma Guns: 03C, F4
- Plasma Power, up to 2000 Amps
- Main Chamber, 1800 mm diameter
- Load Lock; Part Transfer Stations
- CNC controlled, 3-Axis Gun drive
- Vacuum greater than 10⁻³ mbar

**Powder Feeders, Single-Double**

**Twin and Single Powder Feeders**
- Single-20FRC (Feed rate controlled)
- Single-20MFC (Mass flow controlled)
- Twin-20MFC (Single & double feeders)

AMT systems are either volumetric or graphimetric disc based- Twin feeders. AMT powder feeder spare parts are fully compatible with Twin type feeder system parts of other manufacturers.
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**Plasma and HVOF Systems and Equipment**

### Plasma, HVOF & Vacuum Spray Cells

- APS Spray Cell
- Vacuum Plasma Spray
- LPCS Spray Installation

### Plasma, HVOF and Combustion Guns

- **F4 plasma spray gun**
- **9MB plasma spray gun**
- **JP5000® HVOF gun**
- **F1 gun: 45°, 90°**
- **JetKote® HVOF gun**
- **DJ HVOF gun**

### Turntables and Robots

- **90- and 45-degree tilt turntables**
- **Robots-Integrated turntables**
- **Multiple Stations**