

NEW!
APA ARC + HIPAC
Hybrid Technology

SULZER

Sulzer Metco

METAPLAS-DOMINO *mini*

Innovative technologies for high performance coatings and low costs per piece

Flexible PVD coating system with three flanges for coating sources

- Available modules: **ARC, SPUTTER, HIPIMS, HIPAC, DLC, KOMBI**
- Latest **APA ARC Technology**: 2 to 6 Evaporators
- New **M-A-C coating series** available like **Mtec, Mpower, Mforce, Mflex**
- Magnetron Sputter Technology:
1 to 3 Sputter sources (Target length 450 mm)
- Innovative Hybrid Technology (APA ARC + HIPAC)
- **HIPAC Technology (High Ionization Plasma Assisted Coating)** Sulzer Metaplas' latest innovation based on **HIPIMS-Technology**
- Patented **Power Etching AEGD** for excellent coating adhesion
- Bipolar pulsed substrate voltage (BIAS): 100 Hz – 20 kHz, 25 A, 1000 V
Optional also with MF BIAS: 5 Hz – 350 kHz, 30 A, 650 V
- Standard substrate table: 5 columns (satellites)
- Loading capacity for shaft tools Ø 10 x 70 : 240 pieces
- Target costs per piece (tool Ø 10 x 70): approx. **0.08 € per tool** with **Mtec** coating



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