

Innovative Multipurpose PVD Coating System

HIGH PERFORMANCE COATINGS

Mp€ 600 / 1000

A modular equipment that allows evolutionary configuration for current and future requirements

Available Technology Configuration:

- 4 Arc Sources
- 4 Magnetrons
- Duplex PVD
- Hybrid Arc + Sputtering



HIGHLIGHTS

- HPIES High Performance Ion Etching System
- Rapid target material exchange
- Lowest cost per batch
- Negligible coating thickness tolerance +/- 0,2
- Up to 4 different target materials
- Customized configuration: e.g. 2 ARC + 2 Magnetron
- Flexible and productive

THROUGHPUT

- Usable coating volume: Ø 450 x H 500 mm or Ø 650 x H 500 mm
- Up to 4 batch / day – Cycle time 3 to 4,5 hrs
- Qty / batch:
 - end mills 10 x 70 mm: 576 - 864 pieces
 - hobs 120 x 150: 24 - 36 pieces
 - inserts: 2560 - 3840 pieces
- Duplex coating
- Smooth coatings

WIDE COATING PORTFOLIO:

Monolayers • Multilayers • Gradient layers • Nano layers • Nanocomposite • Duplex layers

Dedicated Coatings:

- Cutting tools
- Forming and Molding
- Precision components

