

# Hard Coating System

## 硬质涂层系统

### **DREVA 400**



## Main Features

- 3 ARC coating sources
- Hollow cathode for plasma treatment
- Optional: planar magnetrons
- Productivity: approx. 125 tools/batch (shaft  $\varnothing$  8 mm)
- Vacuum chamber dimensions:  
400 mm x 400 mm x 390 mm (L x W x H)
- System footprint:  
2,400 mm x 1,500 mm x 2,000 mm (L x W x H)

## Applications

- Tool coating
- Medical instruments
- Decorative hard coatings
- Sanitary

## Process Benefits

- Modular design for Installation of Arc or Magnetron Sources
- Short cycle time of less than 120 min. for a flexible coating schedule
- Compact Design for fast Installation
- Plug and Play Operation

## Customer Benefits

- Cost reduction
- High cutting quality
- Increased tool life time
- Increased productivity
- Improved process parameters

## Range of Coatings

- TiN
- TiCN
- AlTiN
- AlCrN
- TiCrN
- CrN
- ZrN

## 特性

- 3种电弧离子源
- 等离子体刻蚀用空心阴极
- 可选：平面磁控
- 产量：大约每批125把刀具 (刀柄直径 8 mm)
- 真空炉腔尺寸：  
400 mm x 400 mm x 390 mm (长 x 宽 x 高)
- 系统规格：  
2,400 mm x 1,500 mm x 2,000 mm (长 x 宽 x 高)

## 用途

- 刀具涂层
- 医疗器械
- 装饰硬质涂层
- 卫生设备产品

## 工艺特点

- 电弧离子源或磁控溅射源装配的模块化设计
- 小于 120 分钟的较短生产周期，  
适用于灵活的涂层生产计划
- 设计紧凑，安装便捷
- 即插即用

## 客户利益

- 成本下降
- 高质量切割
- 刀具使用寿命延长
- 产量提高
- 工艺参数改善

## 涂层类别

- TiN
- TiCN
- AlTiN
- AlCrN
- TiCrN
- CrN
- ZrN

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