

ALPHA200 PVD COATING SYSTEM

The entry-level model with
real eifeler technology



ALPHA200 PVD COATING SYSTEM

THE ENTRY-LEVEL MODEL

The alpha200 PVD coating system enables you to get the shortest reaction times. That makes it ideal for smaller coating productions as well as for research and development.

The R&D departments of tool manufacturers or universities especially appreciate it as a laboratory and R&D system for fast results. In high-volume production areas, it is often added as a peak capacity support system.

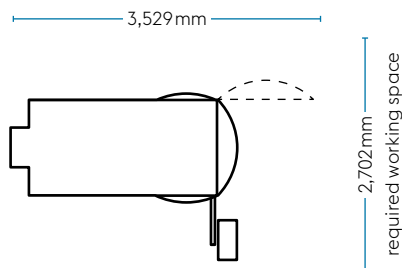
MAIN COATINGS

ARC coatings like:

- » TiN
- » TiCN
- » TIGRAL®
- » CrCN
- » EXXTRAL®-PLUS
- » SISTRAL®
- » VARIANTIC® and many more

COMPACT DESIGN

- » small footprint for easy integration in factory floor plan
- » access to all sides for easy maintenance and service



MAIN BENEFITS

- » high plasma density
- » high flexibility and productivity
- » dual evaporators for high production stability and access to mixed-material coatings
- » simple loading and intuitive operation
- » easy to maintain
- » low operating costs

TECHNICAL DATA

Usable volume	Ø 350 mm × 325 mm
Load	max. 250 kg
Coating chamber (L × W × H)	580 × 600 × 580 mm
Dead weight	2,600 kg
Distributed load	1,075 kg per sqm
Bias	10 kW / max. 1,000V DC / pulsed DC
Evaporator sources	8 pcs. with each max. 125 A
Batches per day	typically 4 – 5 batches
Exemplary batch Endmills (Ø 10 × 70 mm)	144 pcs. per batch
Exemplary batch Hobs (Ø 100 × 150 mm)	8 pcs. per batch
Turntables	different numbers of satellites available

