

HAUZER

FLEXICOAT 1250

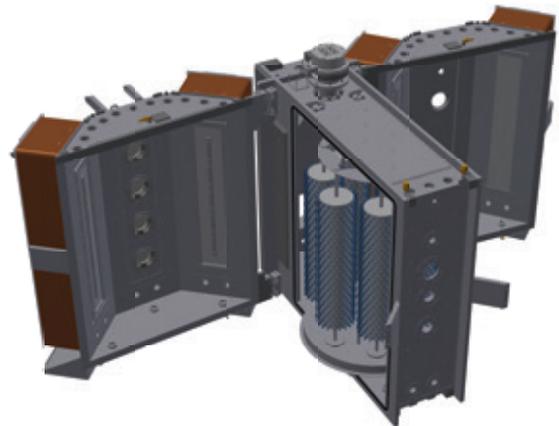
The best cost of ownership for an
incredible variety of coatings



MARKETS ARE CHANGING, BUT GOOD BUSINESS REMAINS GOOD BUSINESS

Whether you provide PVD coatings for tribological applications, tools, decorative elements, or a combination of these, good business sense means combining excellent quality with good cost of ownership.

Because Hauzer understands that balance, we designed the Hauzer Flexicoat® 1250 to offer the best cost of ownership for hydrogen-free carbon coatings and coating larger products – both trends that are increasingly important for a wide range of businesses. The Flexicoat® 1250 is the latest batch-coating machine in our well-known Hauzer Flexicoat platform, and offers an even greater flexibility in cathode sources.



Flexicoat 1250 for tribo

- Ideal for ta-C, low-friction coating for temperatures up to 500 °C
- Can be configured for both ta-C and DLC
- Spacious chamber for larger products
- Increased cooling capacity keeps cycle times low
- Hauzer's expertise provides the coating quality needed for tribo



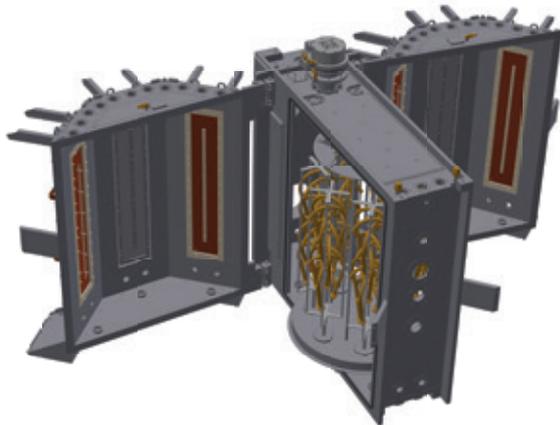
Flexicoat 1250 for tool

- Ideal for all metal nitride and ta-C coatings
- Flexible set-up
 - For a wide range of coatings
 - For all technologies like CARC+ and HiPIMS
 - For a wider range of workpiece material, incl. light-weight
 - Plasma nitriding and coating in one cycle
- Increased capacity
 - Spacious chamber for more or larger products
 - More heating, cooling and cathode power
 - For better cost per coating

DESIGN

- 33% loading increase compared to the Flexicoat 1200, fully compatible with existing Flexicoat 1200 fixturing
- Optimum chamber size
- Increased power
- 8 positions for cooling plates + optional retractable heating and cooling feature
- 7 positions for deposition sources
- Improved accessibility and flexible setup





Flexicoat 1250 for deco

- Spacious chamber accommodates the trend in larger items
- Economical cost per coating for small objects as well
- Seventh cathode position for increased flexibility
 - Tailor the L-values of your coating
 - Add a silver, gold or palladium flash
 - Add antibacterial properties
 - Without needing to switch targets as often
- Coating on plastic and metallic substrates
- In many colours, including black

Configured to Meet Your Needs, Today and in the Future

The Flexicoat 1250, with its 7 deposition source positions and 8 cooling panel positions, is the most flexible Flexicoat machine yet. Upon purchase, the machine is configured to meet your needs. And over the decades, it can easily be upgraded and reconfigured as your business moves with the market over time.

HAUZER FLEXICOAT® 1250

Technical Specifications:

Effective coating volume

ø 810 mm x 850 mm height

Number of cathode positions

7

Maximum load mass

1.000 kg



TECHNOLOGIES AVAILABLE ON THE FLEXICOAT 1250

On the cathode positions:

Arc

- CARC⁺
- CARC⁺ Flex
- ACA

Sputter

- UBM
- HiPIMS
- DMS

PACVD

- Microwave

Other plasma technologies:

- PACVD by MF pulsed bias
- Plasma etching
- Focused Ion Rapid Etch
- Plasma cleaning
- Plasma nitriding

HAUZER

FOR MORE INFORMATION

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