SPUN 2,000 HIGH PERFORMANCE PVD COATING SYSTEM

Precision Engineering. Industrial Durability. Superior Control.

Sputtek
ADVANCED METALLURGICAL COATINGS

MECHANICAL & VACUUM DESIGN

CHAMBER CONSTRUCTION

Robust AISI 304 octagonal vacuum chamber engineered for durability and extreme process stability.

WORKING VOLUME

Expansive coating area of 1050 × 900 mm for high-capacity industrial throughput.

VACUUM PERFORMANCE

High-capacity 3200 l/s turbomolecular pump ensures fast and reliable vacuum cycles.

Sputtek
ADVANCED METALLURGICAL COATINGS

COATING CAPABILITY & CONTROL

ADVANCED SOURCES

6 cathodic arc and 2 magnetron sputtering sources for maximum coating versatility.

GAS MANAGEMENT

Precise control via multiple mass-flow controllers (N_2, Ar, C_2H_2, H_2, O_2).

POWER SYSTEMS

High-power DC and pulsed supplies for superior adhesion and coating density.

THERMAL CONTROL

Infrared heating and integrated cooling for uniform temperature management.

Sputtek
ADVANCED METALLURGICAL COATINGS

SMART OPERATION & RELIABILITY

AUTOMATION

Siemens PLC control system for full automation and uncompromising industrial reliability.

INTERFACE

19” touchscreen HMI for intuitive real-time process monitoring and system visualization.

SOFTWARE

Comprehensive process control software included for recipe management and analytics.

SUPPORT

12-month standard warranty with essential spare parts and targets for quick startup.

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ADVANCED METALLURGICAL COATINGS

OPERATIONAL BENEFITS

Increased Productivity

Scalable loading systems and rapid vacuum cycles maximize your production throughput.

Premium Tool Life

Consistent, high-quality coatings that dramatically improve tool performance and longevity.

Minimized Downtime

Reliable components and included spare parts ensure continuous machine operation.

Optimized ROI

Improved efficiency and coating performance deliver a strong return on investment.