



SPUN 4,000 HIGH PERFORMANCE PVD COATING SYSTEM

Scalable Industrial Solutions. Advanced Thin Film Technology.

ADVANCED VACUUM & MECHANICAL DESIGN

CHAMBER DESIGN

Robust AISI 304 octagonal vacuum chamber (1300 mm Ø X 1770 mm H).

EFFECTIVE AREA

High throughput coating area of Ø1050 × 1400 mm.

VACUUM SYSTEM

3200 l/s turbomolecular pump with precision control.

PORTS

12 multi-level flange ports for expansion.



HIGH-PERFORMANCE COATING & POWER

HYBRID DEPOSITION

9 DC cathodic arc and 3 DC magnetron sputtering sources.

POWER ARCHITECTURE

Industrial-scale 420 kW installed power.

TEMPERATURE CONTROL

Infrared heating system and integrated cooling channels.

APPLICATION

High hardness, wear resistance, and surface performance coatings.

PRODUCTIVITY & INDUSTRIAL RELIABILITY

AUTOMATION

Siemens PLC automation with 19" HMI touchscreen.

CAPACITY

Large 1100 mm carousel table with 6 satellite stations.

SAFETY

Integrated UPS backup power and full monitoring software.

COMPATIBILITY

Nitrogen, Argon, Hydrogen, Oxygen, and Acetylene.

LONG-TERM OPERATIONAL EXCELLENCE

Maximum Uptime

Reliability-first engineering minimizes maintenance cycles.

System Scalability

Process expansion through multi-level customization.

Consistent Quality

Repeatable results for demanding manufacturing applications.

Industrial Efficiency

Scalable loading delivers market-leading cost-per-coating.