

V.MAX1500™ flexible industrial PVD system

Deposit durable coatings in-house with the newest addition to the VaporTech line of PVD coaters.

Introducing a new batch coater designed to meet the needs of industrial manufacturers. Applications include cutting and forming tools, precision-engineered components, automotive/aerospace parts, medical devices, and other components requiring enhanced durability, lower friction, and longer product life.

The V.MAX1500 system configured with up to 6 sources can deposit a broad range of functional PVD coatings—including Ti, Cr, and Zr nitrides, carbides and carbonitrides, high-temperature Al alloy coatings, and diamond-like-carbon (DLC)—all in the same system.

V.MAX1500 system benefits

- Efficient
- Flexible
- Cost-effective

V.MAX1500



 VaporTech®

V.MAX1500 coating system

Enhance your product with durability, performance, and color.

System specifications

Coating area per rack:	80 cm x 25.4 cm ø (6-rack option)
Number of rack positions:	6 standard (up to 12 optional)
Chamber coating zone:	80 cm x 88 cm ø
System footprint:	2.1 m x 4.8 m
Sources (targets):	Up to 6 deposition sources

Coating technologies

- Low-temperature cathodic arc vapor deposition (LTAVD®)
- Magnetron sputtering
- Plasma-enhanced chemical vapor deposition (PECVD) for diamond-like carbon (DLC) coatings
- Plasma nitriding

Available coatings

Pure, alloyed, or reacted zirconium, titanium, chromium, aluminum, carbon, and other metals.

Why bring PVD coating in-house?

An in-house VaporTech PVD & DLC machine can deposit high-quality coatings, streamline your supply chain, and lower coating price per part. Our systems are designed to be easy to install, operate, and maintain.

The VaporTech difference

- Trusted customer service & support
- A Masco Corporation subsidiary for 30 years.

Contact us today for more information.

