VT-1500i™ System

Overview:

The VT-1500i provides approximately 70% of the throughput of our largest production coating system, but in a very compact footprint when manufacturing space is limited. With the ability to coat parts up to 100 cm long and 10 high-capacity racks, the VT-1500i is positioned as a very high-volume, price competitive coating system for larger manufacturing operations. This flexibility is also an excellent match for companies offering durable decorative coating services.

Built with the same trusted LTAVD (low-temperature arc vapor deposition) technology as VaporTech’s popular VT-3000 and VT-3000i coating systems, the VT-1500i can deposit a broad range of bright and dark metallic colors as well as our popular diamond-like carbon (DLC) and chromium-based functional coatings. The VT-1500i is designed to help your company differentiate from competitors by improving both the appearance and function of your products.

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VT-1500i System

KEY capabilities

Compact
Small footprint, easy to integrate into factory.

Simple
Easy to operate and maintain.

Low cost
Low per-part coating costs.

Part sizes
Coat large parts up to 100 cm long.

Capacity
High capacity for large operations.

SPECIFICATIONS:

System capacity
- Coating zone per rack: 100 cm x 25.4 cm ø (39.4 in x 10 in)
- Number of racks: 10
- Coated area capacity: 8 m² (86.1 ft²)
- System footprint: 2.0 m x 4.0 m (6.7 ft x 13.2 ft)

Coating technologies
- Cathodic arc physical vapor deposition
- Diamond-like carbon
- Available metallic coatings: pure, alloyed, or reacted zirconium, titanium, chromium, or carbon