

EQUIPMENT *fact sheet*

# VT-3000i<sup>TM</sup> System

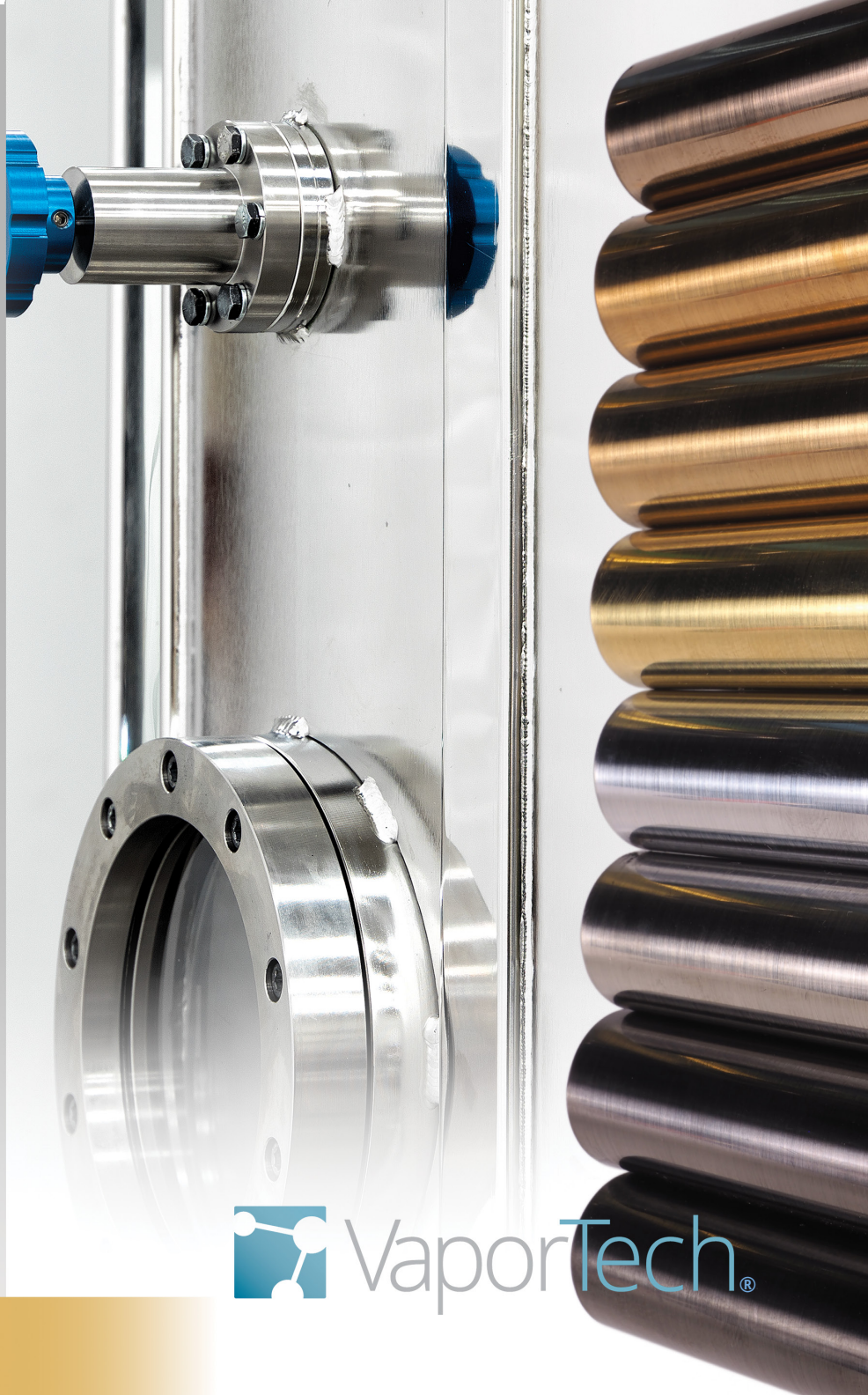
Highest-capacity coating machine for large-scale operations.

## Overview:

The VT-3000i is the largest VaporTech coating system designed for high throughput or larger parts up to 122 cm (48 in). Our unique centrally-mounted cathodic arc deposition source ensures you get consistency and maximum control over coating uniformity and properties. Lower temperatures allow coating a wide variety of materials such as steel, brass, zinc, or prepared plastic, giving products made of multiple materials a common finish and appearance. VaporTech will custom-design coatings to meet your specifications for color or function.

The VT-3000i is the newest version of our VT-3000 series coaters that have operated successfully in applications around the world for more than 20 years. Improvements include a 40% reduction in footprint, upgraded vacuum pumping system, updated software, and reduced maintenance requirements.

Vapor Technologies, Inc.  
6400 Dry Creek Parkway | Longmont, CO 80503  
vtsales@vaportech.com | +1 303-652-8500



VaporTech<sup>®</sup>

[vaportech.com](http://vaportech.com)

# VT-3000i System

## Detailed information

### KEY capabilities



#### Uniformity

Excellent color uniformity & deposition rates throughout the chamber.



#### Consistency

Even coating deposition rates throughout the chamber.



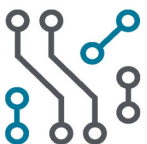
#### Low temp

Lower-temperature process suitable for both metal and plastic parts.



#### Part sizes

coat large parts up to 122 cm (48 in) long.



#### Flexibility

Multiple coating processes per system.

### SPECIFICATIONS:

#### System capacity

Coating zone per rack	122 cm x 20.3 cm (48 in x 8 in)
Number of racks	16
Coated area capacity	12.4 m <sup>2</sup> (133 ft <sup>2</sup> )
System footprint	3.6 m x 4.3 m (11.8 ft x 14.1 ft)

#### Coating technologies

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

