VTI®

SUPER CHROME®
PVD COATING

> **"Until experiencing VTI SuperChrome PVD, we have not seen this level of success in replacing decorative electro-plated chrome on polymer substrates."**
>
> – Peter Witte,
> Executive Managing Director
> Mankiewicz Gebr. & Co

SC 660 SuperChrome PVD System

Multiple Automotive OEM Approvals!

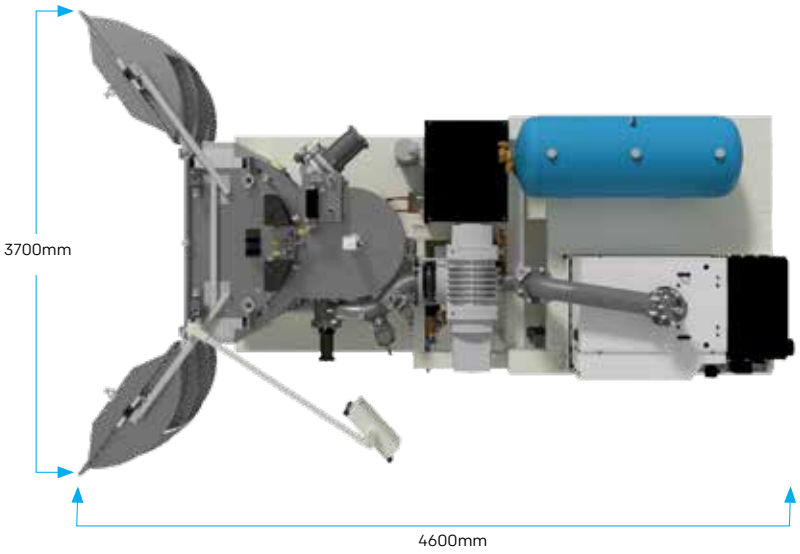
GREEN TECHNOLOGY

SuperChrome PVD coating has all of the benefits of decorative chrome plating, without the harmful hexavalent chromium (Cr +6) compounds. Unlike conventional PVD coatings, SuperChrome requires no clear protective top-coat to interfere with the chrome finish. In addition, this resilient coating meets or exceeds the demands of the automotive, appliance, and sanitary industries, yet provides the rich quality appearance required for decorative coating applications. SuperChrome PVD coating has excellent adhesion on thermoplastic substrates, making it the preferred alternative for decorative plating on plastic.

SUPER CHROME® PVD COATING

SuperChrome is currently available from VTI only as an SC660 PVD system purchase, which carries a single-system end-user technology license. The license includes access to technical updates and applications support. The end customer will also need a high-quality UV cure paint line, capable of producing a "Class A" automotive basecoat, prior to the PVD process. If the user does not already have this equipment available, VTI can assist with recommended providers.

To maximize the investment value in a VTI SuperChrome system, the SC660 is also fully capable of traditional PVD metalizing. When used for traditional PVD metalizing, the coating zone diameter expands from 660mm to 965mm.



SPECIFICATIONS

Chamber Size: 1067mm diameter x 1575mm height

System footprint: 4600mm length x 3700mm width (doors open) X 2900mm height

Coating zone: Approximately 660mm diameter x 1220mm height

UTILITY REQUIREMENTS

ELECTRICAL:
480V 350A 60Hz or 400V 450A 50Hz; 3 phase AC

WATER:
16-24deg C Inlet; 2.75bar (40psi) minimum pressure, 208 lpm (55gpm) minimum

AIR:
6 bar minimum (87psi); 9.4liters/second (20cfm) minimum

Vergason Technology, Inc.
166 State Route 224
Van Etten, NY 14889 USA
607.589.4429
www.vergason.com | sales@vergason.com

VTI PROVIDES GLOBAL INSTALLATION, SERVICE, REPAIR, AND APPLICATIONS SUPPORT