

## CC800® Diamond

Item no. 20000-VS2

The hardest coating material in the world - real diamond crystals. With the CC800® Diamond, extremely smooth and particularly adhesive nanocrystalline, crystalline or multilayer diamond coatings can be deposited fully automatically on more than 80 different types of carbide. Thanks to the hot-filament process used, even complex three-dimensional tools receive a particularly homogeneous layer thickness distribution with narrow tolerances. Despite its compact external dimensions, the CC800® Diamond has the largest capacity of fully automatic systems for diamond coating on the market. Three independently operating coating chambers make it particularly flexible and economical.

### Contact

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## Specifications

Electrically conductive coatings	<b>Yes</b>
Electrically non-conductive coatings	<b>Yes</b>
Electrically non-conductive substrates	<b>Yes</b>
Maximum dimensions of the substrate Ø x h	<b>Tools Ø30 x 500</b>
Maximum weight of the substrate	<b>250</b>
Closing the chamber doors	<b>Automatic</b>
Processes	<b>Filament</b>
Technology	<b>Diamond</b>
Tool volume	<b>Medium</b>
Coating area	<b>1 x (740 x 360 x 30) or 3 x (50 x 560 x 70)</b>
Substrate Ø	<b>Tools Ø30 x 500</b>
Substrate weight	<b>250</b>
Conductivity	<b>Yes</b>
Conductive coatings	<b>Yes</b>
non-conductive coatings	<b>Yes</b>
Chamber doors	<b>Automatic</b>
Connected load (kVA)	<b>108</b>
Outer dimension mm (w x l x h)	<b>1260 x 3600 x 2070</b>
Unloaden weight in kg	<b>3800</b>

[Click here to learn more about the CemeCon coating system!](#)