



CONCR3DE
YOUR 3D POWDERHOUSE

PRODUCING THE REMARKABLE

Precision. Performance. Freedom of design. Scalability. CONCR3DE allows you to fully capitalize on the promise of additive manufacturing in industrial production. With integral solutions based on a dedicated printer range, we aim to push the boundaries of high-quality 3D printed parts and products.

[CONCR3DE.COM](https://concr3de.com)

INDUSTRIAL & HIGH-TECH SOLUTIONS



Use high-end materials

Our technology allows you to use technical ceramic materials like Silicon Carbide, Alumina, Brightorb and more. Bringing together their specific properties and the benefits of 3D printing enables you to create novel shapes and applications.

Don't just dream big

The CONCR3DE platform is exceptionally scalable. Our Armadillo Blue XL 3D printer allows printing up to 48 liters of parts per day. Even larger printer options are available for large-scale industrial production. All include validated material settings and full post processing solutions.

Complexity made easy

High precision and intricate shapes are now within easy reach. Improve functionality while saving weight, thanks to the unlimited freedom in geometry. Accelerate and simplify design and production processes by eliminating lead times and allow for incremental iterations.

Products

Our product range for industry and high-tech applications has been tailored to the meet your specific needs. Tell us your requirements, and we'll gladly advise you on the integral solution that fits your material and process wishes.

Armadillo Blue (XL) • This binder jetting 3D printer comes fully featured with all applicable add-ons to print ceramics and metals. It includes an integrated control station running our NOAH software on optimized hardware, as well as our Infrared Heater and Depowdering Box for convenient handling after print. The XL version doubles the daily production volume.

Handling & post processing • CONCR3DE offers all the dedicated tools to allow a fast, clean, and dust-free workflow and make light work of post processing printed parts to reach their final state after printing. These include our optional Depowdering Station, and more.

Materials • Armadillo Blue prints a range of validated CONCR3DE materials. If you are looking for specific material requirements, our team is ready to advise on the best material to use.

Ceramics

Our range of ceramic compounds offers exceptional properties in for example density, as well as heat and shock resistance.

CONCR3DE Silicon Carbide A (SiSiC)	Plug-and-Play solution for 3D printing SiSiC allowing you to directly start 3D printing complex SiSiC parts using an aqueous binder.
CONCR3DE Alumina 99%	The higher purity of this porous Alumina 99% translates to better electrical and thermal properties than other Alumina options.
CONCR3DE Alumina 80%	This highly cost-effective material option offers a great combination of Alumina properties and 3D printing benefits for standard applications.
CONCR3DE Investment Casting	This Brightorb material allows for 3D printing highly accurate ceramic investment casting molds with an exceptional surface quality.

Application optimization service • Benefit from our years of binder jetting technology experience. Whether you are looking for a reference print, or would like us to jointly optimize product or part properties, process parameters like print speed and materials use, or scale up part dimensions or production volume altogether in the best way possible – we are here for you.



Interested to learn more? Detailed specifications are available in our Product Leaflets, or check out www.concr3de.com for more information. Are you ready to discuss your application? Send us an email at info@concr3de.com or call +31 (0)85 0606 171.

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