



post
processing

**Cleaning solutions for
Hot Lithography**

Efficient industrial polymer 3D printing



Additively manufacturing and cleaning tens of millions of components every year? An easy task thanks to Cubicure's industrially scalable post-processing solutions.

The right cleaning solutions make Hot Lithography even more efficient and sustainable. Polymer components are produced in industrial batches on a Cerion® 3D printing system and are then cleaned in an individually optimized process. The result: flexible production, low costs and maximum material economy.

Sustainable recycling

Cubicure's cleaning solutions now make Hot Lithography an even more sustainable alternative mode of production. Excess material can simply be recycled: in a first cleaning step, centrifugal force removes material residue from the building platforms. The spun-off resin is collected in a container and can easily be returned to the printing process.

“Our post-processing solutions allow companies to work more sustainably and save costs.”

*Dr. Bernhard Buseti | Product Manager
for 3D Printing Systems at Cubicure*

Safe and fast cleaning

An energy-efficient cleaning plant further processes the additively manufactured parts. Its ultrasonic function gently cleans even finely structured components. A built-in distillation unit recycles the cleaning agent so that even at very high throughput rates, only a small amount of solvent is required. If necessary, fine cleaning is performed using superheated steam. Finally, the components are dried in a vacuum cycle. The entire automated cleaning process takes place in a closed area, thus ensuring high safety standards for your employees.

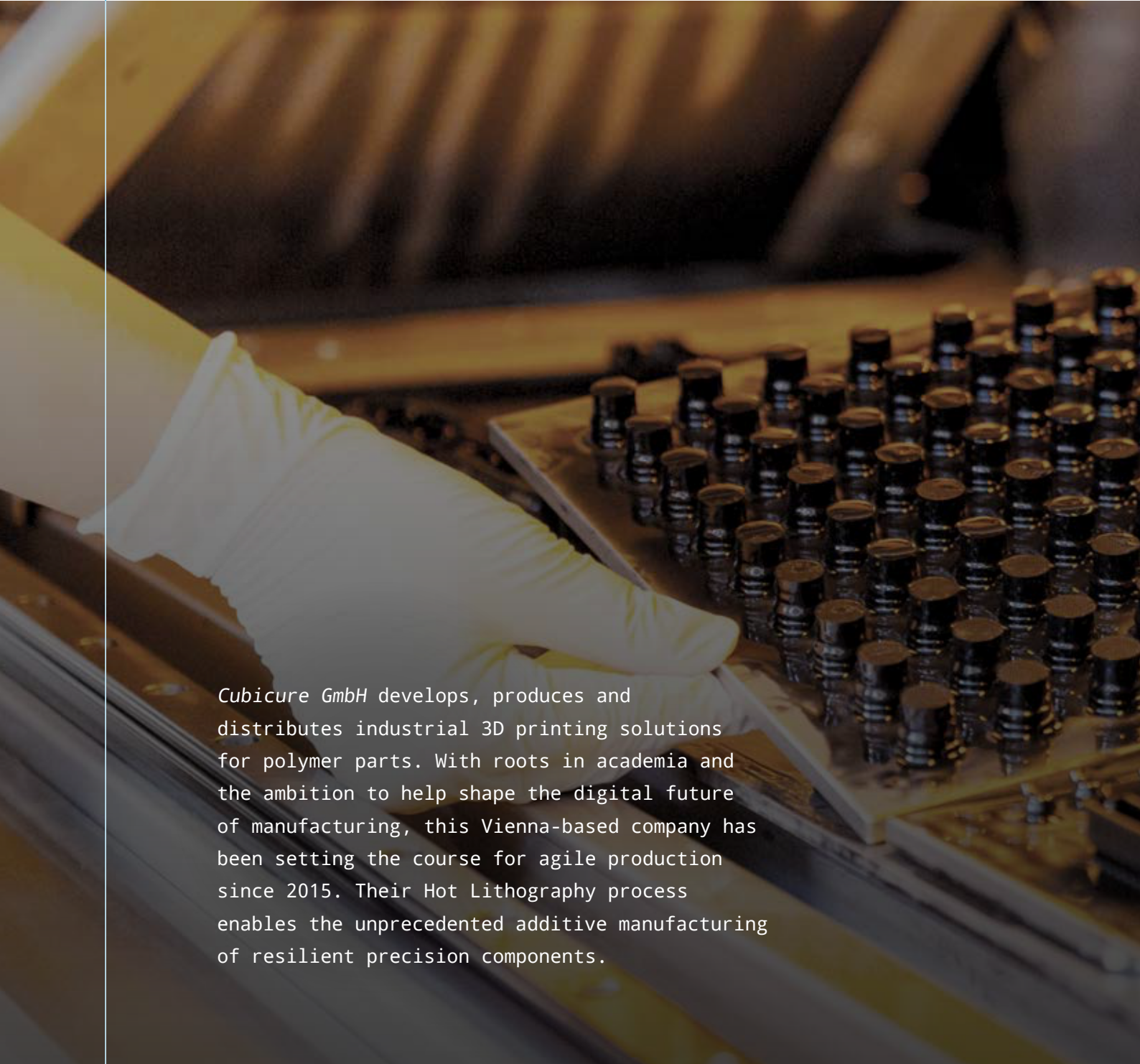


Flexible 3D printing

You decide which cleaning steps are necessary for your components. Depending on the application, parts are separated directly after printing, between the cleaning steps, or at the very end of the process chain. From design to final product, our solutions are as individual as your applications. Cubicure technology covers the complete digital production chain and makes toolless manufacturing a reality. Light-based 3D printing has never been this efficient.



Component cleaning plant



Cubicure GmbH develops, produces and distributes industrial 3D printing solutions for polymer parts. With roots in academia and the ambition to help shape the digital future of manufacturing, this Vienna-based company has been setting the course for agile production since 2015. Their Hot Lithography process enables the unprecedented additive manufacturing of resilient precision components.