



Synova / Newsletter / June 2022

## From Idea to Reality and Beyond - 25 Years of Synova

The entire Synova team is looking forward to the company's 25th anniversary coming up in September!

In the mid-1990s, company founder Bernold Richerzhagen had a vision of combining water and light for cutting materials. Synova was born to bring to market the innovative synergy of laser and waterjet and the rest is history.

With thousands of applications across multiple industries, over 420 machines installed and more than 100 employees worldwide, we are proud to be part of the continuous evolution of the Laser MicroJet technology and the Synova story.

Thank you to all our employees, customers, suppliers and business partners - you have all helped turn a vision into this real and lasting success!



### Next Event JCK Show

 June 10 - 13, 2022

 The Venetian Expo, Las Vegas, NV - USA

At this year's JCK Show, Synova will showcase the entire diamond factory for the first time! Visit our **booth # 54071** and learn how a rough diamond can be turned into a polished diamond in just a few hours.

See you in Las Vegas!



## Invitation

### EPHJ-EPMT Trade Show

📅 June 14 - 17, 2022

📍 Palexpo, Geneva - Switzerland

Stop by our **booth D114** and immerse yourself in the world of precision processing of high-end materials. We look forward to discussing your requirements for cutting watch, medical and other precision parts. [>> EPHJ](#)

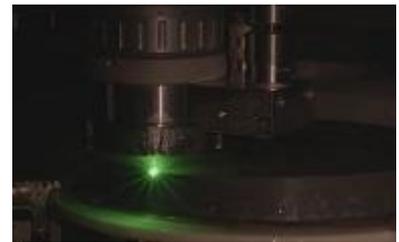
Get a free day ticket for the exhibition!

[Register now](#)

## Application Video

### Edge Trimming of a Silicon Carbide Single-Crystal Ingot

Machining both thick and hard materials with excellent surface quality is a challenge. In this application video, you can see how a 20 mm thick SiC boule is trimmed from 150 mm to 148 mm diameter with the LCS 300 laser cutting system, achieving a final roughness of 0.75  $\mu\text{m}$ . Are you interested in other applications? Visit our YouTube channel and discover the versatile possibilities of the water jet guided laser. [>> Synova YouTube channel](#)



[Watch video](#)

## PhotonicViews / MSM / Rapaport

### Press Review: Read about Synova in the News

The LMJ method is being used in an increasing number of applications, especially for materials that are difficult to process. Read about these demanding new applications in the latest issue of the trade journal **PhotonicViews**. In turn, the Swiss magazine **MSM** traces the origins of the water jet guided laser (article in French). Discover Bernold Richerzhagen's views on the potential impact of automation in the diamond manufacturing sector in the **Rapaport** online interview with Synova's CEO.



[Read all articles](#)



Inventor of Water Jet Laser

Synova is the pioneer of a unique water jet guided laser technology (Laser MicroJet®) providing high-precision cutting solutions for the metal, semiconductor and diamond industries.

SYNOVA S.A.

Route de Genolier 13  
1266 Duillier, Switzerland

Phone: +41 (0) 21 55 22 600  
[sales@synova.ch](mailto:sales@synova.ch)  
[www.synova.ch](http://www.synova.ch)

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