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 µm. 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 PhotonicsViews. 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

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