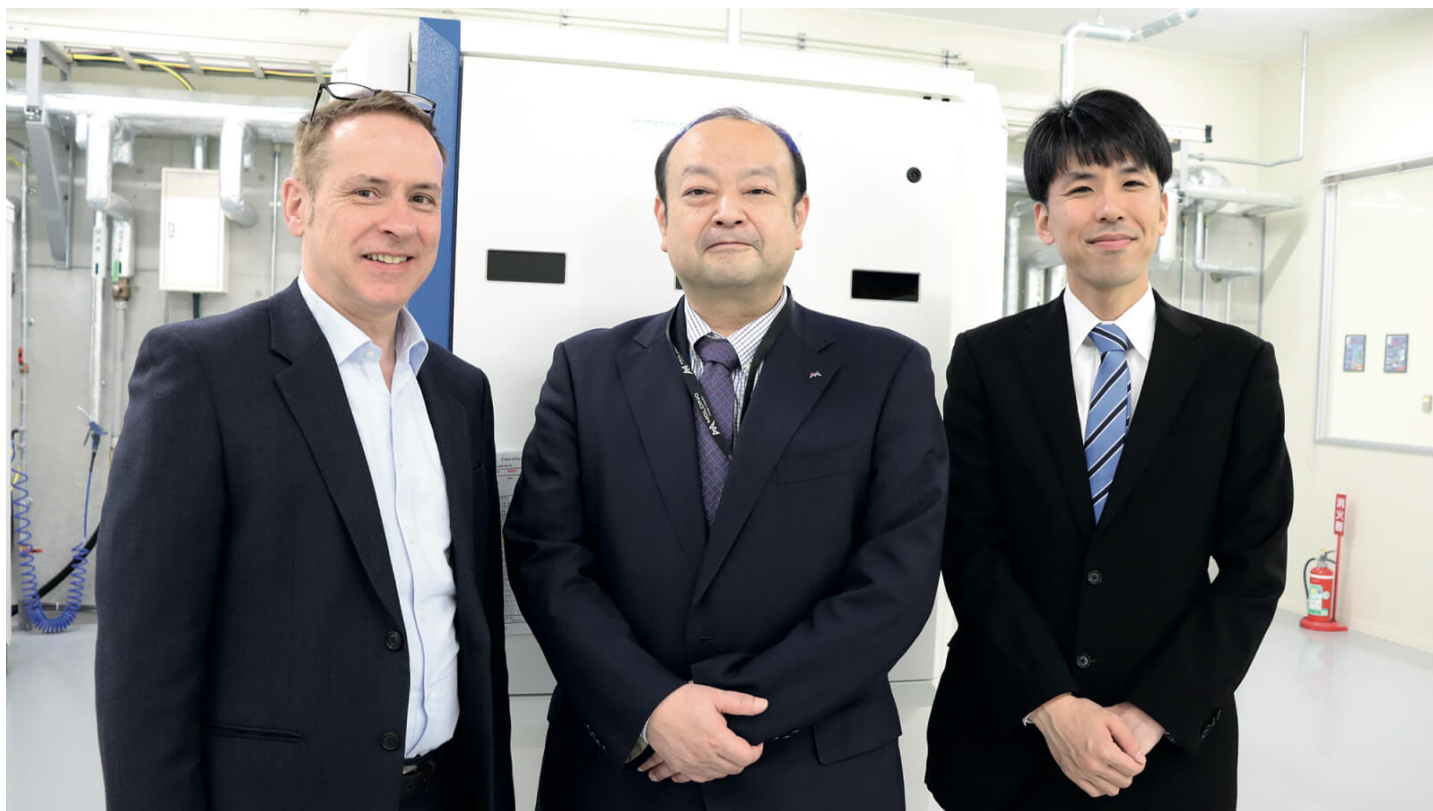


Tool quality significantly improved with diamond



From left: Alexander Marxer, Managing Director CemeCon K.K., Kazuyuki Kubota, Director of the MOLDINO plant in Narita, and Tomoya Sasaki, Materials Development Manager at MOLDINO

A special partnership: MOLDINO Tool Engineering and CemeCon Japan

With passion and commitment, MOLDINO Tool Engineering, Ltd. develops precision tools and manufacturing strategies for various industries, first and foremost for tool and mold making. For many years, the company has had its precision tools coated with diamond at CemeCon. Kazuyuki Kubota, Director of the MOLDINO plant in Narita, reveals what is special about the partnership. What is special about CemeCon diamond coatings?

Kazuyuki Kubota: Diamond coatings are very demanding. CemeCon has decades of experience in this and is a pioneer in this field. The coating technology is precisely tailored to cutting tools. The experts have developed coordinated processes for all production steps. This makes the diamond coating technology unique and sets CemeCon apart from other suppliers. That is why many manufacturers around the world rely on it to optimize their cutting tools – including MOLDINO. In close cooperation, the engineers at CemeCon K.K. have configured the coating specifications precisely for our requirements.

What are the advantages of CemeCon diamond coatings for MOLDINO?

Kazuyuki Kubota: MOLDINO has specialized in cutting tools and process optimization in tool and support for mold making. The CemeCon diamond coatings offer excellent solutions for this market. In addition, we are linked through a long-standing partnership. As a result, the experts know MOLDINO's specific

requirements and needs inside out. The excellent technical advice helps us to continuously improve the performance and quality of our tools. We are sure that together we will be able to respond flexibly and successfully to the increasing demand and development of the market.

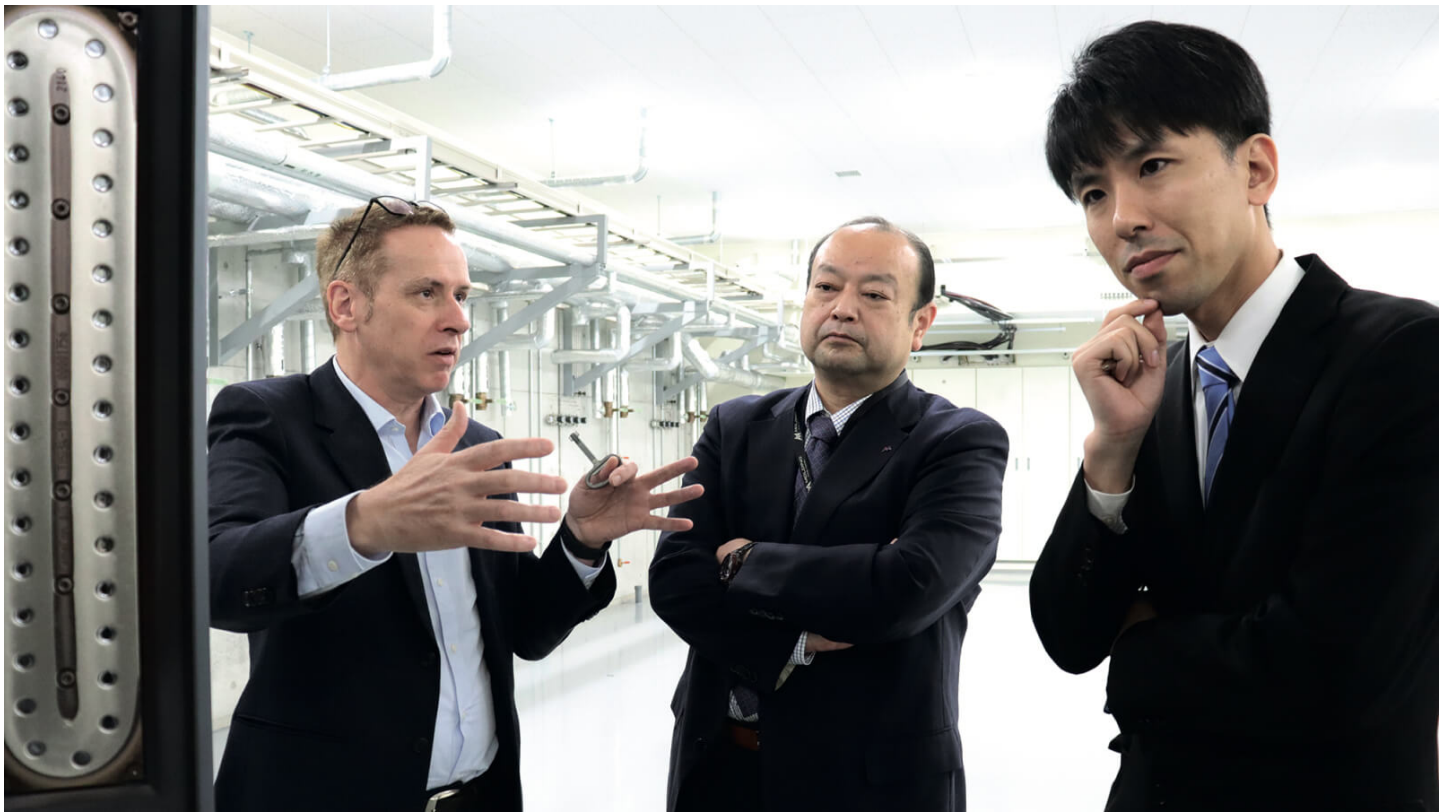


„The coating technology is precisely tailored to cutting tools. The experts have developed coordinated processes for all production steps. This makes the diamond coatings unique and sets CemeCon apart from other suppliers.“

Kazuyuki Kubota, Director of the MOLDINO plant in Narita

Are you satisfied with the coating service and quality?

Kazuyuki Kubota: We are very satisfied with the coating service. CemeCon has always supported us well. The coatings have significantly improved the quality of our cutting tools and enable us to achieve outstanding results. For example, our plant in Yasu focuses on precision tools for graphite machining. The product quality we have achieved together is impressive. No one else can match it.



The intensive consulting by Alexander Marxer (left) and the team of CemeCon K.K. has once again significantly improved the quality

How has the cooperation with the subsidiary in Japan changed?

Kazuyuki Kubota: With the establishment of CemeCon K.K., we can now communicate effectively with each other in Japanese. This takes the partnership to another level. The exchange of information is even easier and faster. Now, even employees without English language skills can contact CemeCon at any time. We are very happy about the fast and smooth communication in Japanese. This strengthens mutual trust.



CemeCon and MOLDINO have enjoyed a special partnership for decades. With CemeCon K.K. it was

strengthened

What is special about the cooperation with CemeCon Japan?

Kazuyuki Kubota: Currently, MOLDINO mainly cooperates with CemeCon in diamond coating. But there has also been a lively exchange in the past in research and development with HiPIMS technology. Alexander Marxer, Managing Director of CemeCon K.K., and Dr. Stephan Bolz, Executive Director Technology & Development at CemeCon, explained the coating technology to us in detail. During a visit to the coating center in Würselen, I was able to see the various systems in action. The perfect all-round support!

We will continue to use their technical support for diamond coating in the future. We would like to continue to work closely together and receive advice at the highest level – also for new solutions with HiPIMS. Because this technology is also exceptional and promises great potential.

What do you wish for the future?

Kazuyuki Kubota: Coating a batch of tools with diamond is time-consuming. Thus, given the high labor costs in Japan, the current cost of diamond coating is relatively high. We hope that CemeCon can shorten the coating time or increase the performance at the same cost. Similar to what they have done for PVD coating with HiPIMS.

We would like to thank Alexander Marxer and CemeCon K.K. for the great support and the smooth transfer of the processes we developed with Germany to the Japanese subsidiary.

MOLDINO Tool Engineering, Ltd.

MOLDINO Tool Engineering, Ltd. is part of Mitsubishi Materials Corporation. The company, with over 700 employees worldwide, develops and manufactures precision tools for various industries, such as mainly automotive and difficult cutting technology. Special emphasis is placed on tools for mold making. MOLDINO optimizes its customers' manufacturing processes with high-quality cutting tools. The product range includes milling cutters, drills and other special tools for specific applications. The focus for MOLDINO is always on increasing customers' machining efficiency, reducing costs and improving product quality.

[open_in_new moldino.com](#)

[Diamond coatings](#)

[Coating service](#)

[Automotive industry](#)

[Tool and mould making](#)