

Kern and KLM at CIMT 2021 in Beijing

German precision machine manufacturers have their sights set on the Asian market.

One of the largest shows for machine tools took place in Beijing from April 12 to 17, 2021. Machine manufacturers from all over the world showed their technologies live and on site at CIMT 2021. The two established German manufacturers *Kern Microtechnik GmbH* and *KLM Microlaser GmbH* were on site as well.

For a long time the focus of Kern Microtechnik has been on this region. Three years ago Kern Microtechnik has set up its own sales and service location in Shanghai, *Kern Asia Pacific (KAP)* and works closely with *DKSH China*.

Participating in the Asian machine tool show CIMT 2021 is a logical consequence, according to Kern CEO *Simon Eickholt*: "Our leading technology for highest precision and surface qualities in the μm range will be on display". The exhibition machine Kern Evo is representing our entire product range up to the Kern Micro HD—our benchmark when it comes to precision, surface and dynamics.

In the same booth, KLM Microlaser presented the capabilities of their new laser machining center "E1". There

were some exciting sample parts on display, for example a carbide heading tool. With an ultra-short pulse laser, the machine processes hard materials with the highest precision. The process is without any heat input and is extremely energy-efficient.

When machining small parts, this process is almost unbeatable in terms of productivity, long-term precision, freedom from wear and usability. In addition, the software of the high-tech laser machine is easy to use. According to KLM founder and CEO *Ekkehard Alschweig*, the E1 has already proven its efficiency often: "Since we can replace two different machining processes—eroding and milling—with one single process we achieve incredible advantages in the production process while the quality remains on the highest standards possible." For example, a press punch out of sintered carbide can be produced with the KLM-E1 in two hours. To date, this has taken an average of eight hours.

further information: kern-microtechnik.com

Oerlikon Balzers opens customer center in Vietnam

Oerlikon Balzers, a leading provider of surface solutions for the metal and plastics processing industry, has further expanded its coating services in Asia by opening its new customer center in Bac Ninh, north east of Hanoi, to serve customers across the country.

The new coating center is an important milestone in the company's expansion strategy in Asia and will create new opportunities for Oerlikon Balzers to offer its high-quality and well-established coating services in Vietnam's emerging economy. In recent years, Vietnam has developed into a key economic hub within Asia, allowing Oerlikon Balzers to serve various industries with its coatings. The new coating center will mainly focus on cutting tools and forming tools, but it will also serve the growing market for high-tech components in mobile phones, electronics and semiconductors, as well as for plastic and aluminum products in consumer goods.

In 2017, Oerlikon Balzers established a representative office in Hanoi to meet the high demand across the South East Asia region, and has also served local customers in



The new customer center in Bac Ninh, north east of Hanoi

various applications from the customer center in Thailand. Since then, development and expansion has been actively supported by the Balzers sites in India and Thailand, even throughout the challenges of 2020. From the new customer center in Vietnam, Oerlikon Balzers can now offer an enhanced service to its local customers, with quick delivery times and short transport routes for an improved environmental footprint.

further information: www.oerlikon.com