Press release dated February 19, 2024

INDEX Open House 2024

**New location, new machines**

**The now traditional INDEX Open House will take place from April 9 to 12, 2024, and will be held for the first time in the new INDEX Customer Center in Deizisau, near Stuttgart in Germany. Visitors can expect an exciting program once again this year: machine innovations live in action, automation solutions in the most diverse configuration levels, as well as presentations and talks with experts from the Industry Management department, along with technology and automation experts. As always, there will be plenty of refreshments to enjoy.**

Turn-mill centers for flexible and highly productive complete machining will occupy a place of choice at the INDEX Open House in line with their significance. Taking the **INDEX G320 turn-mill center** as an example, the renowned lathe manufacturer will demonstrate what a fully automated manufacturing solution can look like. The machining experts have enhanced the machine with an **iXcenter robot cell** that can be extended from two sides with a variety of modules. At the in-house exhibition, this automation solution will additionally feature a measuring and inspection station, which contributes to automated process control when combined with appropriate measuring software and the **INDEX closed-loop interface**.

The INDEX G320 will also include the new, external **INDEX tool magazine expansion iXtools**, which can be configured for any INDEX turn-mill center. iXtools is a comprehensive extension of the machine’s integrated tool magazine and offers unrestricted access to up to 396 additional tools.

Further machines on display at the exhibition, such as the **INDEX G220**, shown for the first time in its **long version**, an **INDEX G200.2** with iXcenter, or the **TRAUB TNX200**, demonstrate the wide variety of turn-milling options available from INDEX. *Here’s our type names explained: on G and TNX turn-mill centers, “X20” comes equipped with a motor milling spindle on its upper tool carrier, while “X00” variants have a tool turret in its place.*

**Productive turning operations**

Universal lathes are not to be missed at the INDEX Open House. For instance, you can experience the **TRAUB TNA500** in action—now also available in a **long version** with a turning length of up to 1200 mm and with 18 tool stations offering even more machining options.

Compact, precise, fast—the TRAUB brand’s sliding and fixed headstock automatic lathe machine concept is specifically tailored to meet the requirements of its users in their daily tasks. What’s impressive about the **TRAUB TNL32 compact** therefore isn’t just its extremely high dynamics, but also its very small footprint. The following will also be on display: the **TRAUB TNL20** and **TRAUB TNL12** sliding/fixed headstock automatic lathes. Since 2020, the latter machine can easily be converted to a fixed headstock lathe, like its larger siblings.

**High performance density and dynamics**

When it comes to production turning, the **INDEX ABC CNC automatic lathe** has been the benchmark for many years. This continues to be true with the current version of the ABC, which stands out particularly for its upper turret. In addition to Y-axis motion, it offers an electronic indexing axis, height adjustment, and the ability to fit twin tool holders.

The **INDEX C200** automatic lathe is known for its high productivity bar stock machining and, like the INDEX ABC, it is available with either a Siemens or Fanuc control. At the Open House, the INDEX C200 will also be shown with INDEX iXcenter automation.

Further increase productivity with six spindles is what the **INDEX MS24-6** CNC multi-spindle automatic lathe, equipped with the MBL bar loading magazine, promises to do. This multi-spindle machine allows for a slightly larger bar diameter than its predecessor, the MS22-6, but it remains compact and equipped with a plethora of features. Given decreasing batch sizes, the optimized setup concept is increasingly important. An essential element is the INDEX quick clamping system with integrated W-serration on the cross slide.

**18 partner companies, expert presentations, and talks**

**18 partner companies** will host various small booths at the INDEX Open House. Our partners **One Click Metal** (in which INDEX is a majority stakeholder) and **Makino** will take up a little bit more space. One Click Metal will be showing examples of comprehensive solutions in the field of metal 3D printing for small and medium-sized components, and the Japanese premium machine tool manufacturer Makino—with which INDEX has teamed up in a global distribution partnership—will be presenting its current 5-axis horizontal machining center, the N2-5XA.

Beyond discovering its INDEX and TRAUB machines, INDEX is inviting all visitors to consolidate their knowledge of important technological subjects. Presentations and talks with experts from the fields of gear cutting, whirling, and grinding, as well as automation, procurement, refit, and industry management will offer ample opportunities to dig deep into these topics.

*The INDEX Open House exhibition will take place from Tuesday, April 9 to Friday, April 12, from 9 a.m. to 5:30 p.m. (ends at 4:30 p.m. on Friday). Guests are invited to a sundowner in a cozy atmosphere in the evenings after the event.*

*Registration for the INDEX Group 2024 Open House event in Deizisau and further information is available at* [*www.index-group.com/openhouse*](http://www.index-group.com/openhouse).

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