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INDEX Open House 2025

**Gain valuable insights**

**This year, INDEX is inviting customers and interested visitors to its Open House event at the new iXperience Center in Deizisau. From March 25 to 28, attendees can explore numerous INDEX and TRAUB machine innovations. The event will also feature tailored automation solutions, expert presentations, and discussions with technology specialists from various industries. Additional highlights include a demonstration of High Dynamic Turning with indexing turret-mounted tools, along with an integrated information session on machining hydraulic components.**

True to its name, the INDEX iXperience Center provides visitors to the Open House 2025 with an ideal environment to gain hands-on machining experience. To that end, INDEX has equipped its customer center with a wide range of cutting-edge turn-mill centers, production turning machines, multi-spindle turning machines, and universal turning machines. These machines are fully loaded for live demonstrations and integrated with automation solutions, offering a first-hand experience of machining at the highest level and with maximum efficiency.

Making its debut at the event is the new TRAUB TNK40 production turning machine, a fixed headstock machine based on the TRAUB TNL32 compact sliding/fixed headstock machine. Instead of a sliding headstock for Swiss-type turning, the TNK40 features a fixed headstock with 40 mm clearance. Thanks to low-vibration, simplified bar guiding (e.g., via a short loader), the machine offers greater overall rigidity than a sliding headstock machine, resulting in enhanced dynamics and improved part quality. The TRAUB TNK40 is available in three versions: 9, 9B, and 11, depending on the number of linear axes and whether a B axis is included.

Also making its debut is the TRAUB TNL12 lean, a cost-effective entry-level sliding/fixed headstock turning machine equipped with just one turret and a back working unit. Its live guide bushing is adjustable but not programmable, though optional expansions remain available.

For those seeking exceptional productivity, short cycle times, and minimal tooling times, another highlight awaits: The compact INDEX MS24-8 multi-spindle CNC turning machine, featuring eight spindles and the MBL bar loading magazine, promises new efficiency records in production. With its extensive features and software tools, the machine can be quickly retooled and is well-suited for machining new material standards, such as lead-free brass.

**Complete machining and automation**

Beyond these new developments, complete machining and automation, particularly with turn-mill centers, are a major focus of the INDEX Open House. A prime example is the **INDEX G220.2 turn-mill center**, showcased with the **iXcenter robot cell**, which can be expanded from two sides with various modules.

Since an ample tool supply is crucial for automated machining, INDEX machines are already equipped with large tool magazines. If additional storage is needed, every INDEX turn-mill center can be supplemented with the external **INDEX iXtools tool magazine expansion**, providing unrestricted access to up to 396 additional tools.

**High Dynamic Turning – a technological highlight**

One of the standout technological highlights of this year’s event is High Dynamic Turning, demonstrated on three different machines. This process dynamically adjusts the turning tool setting angle using the C axis of a motor milling spindle. INDEX has developed a new input interface for High Dynamic Turning, allowing this process to be programmed easily and efficiently directly on the machine. This innovation reduces the need for numerous tool changes, as even highly complex turning contours can be machined with just a single tool.

**Wednesday is Hydraulic Day**

For the first time, INDEX is hosting a special event within the event at this year’s Open House: Hydraulic Day. The keynote speech will be delivered by Christof Gilnhammer, COO and Board Member for Value Chain Management at HAWE Hydraulik, a leading manufacturer of hydraulic components and systems. Following the keynote, experts from INDEX, MAKINO, MAPAL, and SFT will provide in-depth insights into hydraulic component machining. The event will be rounded off with live demonstrations on the TRAUB TNL32 compact sliding/fixed headstock turning machine and the MAKINO a500Z five-axis machining center.

**Industry event for all aspects of machining**

**Nineteen partner companies** will host various small booths and product displays at the INDEX Open House. Some exhibitors will have a larger presence, including One Click Metal (where INDEX holds a majority stake) and the Japanese premium machine tool manufacturer MAKINO, with whom INDEX maintains a global sales cooperation. One Click Metal will present comprehensive solutions in the field of metal 3D printing for small and medium-sized components. MAKINO will showcase its a500Z five-axis machining center alongside the latest a40SE four-axis machining center, which will be complemented by an INDEX iXcenter robot cell.

Alongside the demonstration of INDEX and TRAUB machines, INDEX is inviting all visitors to consolidate their knowledge of important technological subjects. Advisory stations and expert discussions will be available on gear cutting, whirling, and grinding, as well as automation, digitization, procurement, refit, and industry management.

*The INDEX Open House exhibition will take place from Tuesday, March 25 to Friday, March 28, 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 (except on Friday).*

*More information available at* [*www.index-group.com/openhouse*](http://www.index-group.com/openhouse)

**Photos:** attached

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