Press release dated February 21, 2022

INDEX Open House 2022:

**It’s All About Machining**

**It’s that time again. After a break of two years because of the coronavirus pandemic, INDEX is inviting manufacturers to Reichenbach/Fils in Germany to attend the company’s Global Open House from April 26 to 29. The spotlight will be shining on innovative machine solutions and services revolving around the entire machining process chain. Visitors will experience not only an impressive display of live demonstrations on many machines, but also a variety of automation solutions and the latest developments in iXworld, our suite of digital solutions. Furthermore, manufacturers will have the chance to benefit from in-depth exchanges with the INDEX metal-cutting specialists and industry experts.**

When the doors open on Tuesday, April 26 for the INDEX Open House 2022, visitors, together with the INDEX management and their partners, can look forward to seeing new technology, participating in exciting presentations and forging new industry contacts. INDEX will be offering guests the chance to engage in an intensive and multifaceted exchange of information all about the latest developments in the machining process chain of metal-cutting or “chipping”.

**On Trend: Complete Machining, Demanding Machining**

Taking center stage will be the latest INDEX and TRAUB machines – live and in action. These showcases will include global debuts of just-released machines, such as the new generation of the “small” INDEX G220 turn-mill center. With a 76 mm spindle clearance, 200 mm chuck diameter and turning length of 900 mm, this machine rounds out the G Series by adding a product with smaller dimensions. Thanks to its mineral cast bed and generously dimensioned linear guides, the G220 provides excellent stability and damping properties, as well as high dynamic values. Additional key features include its motorized milling spindle with a hydrodynamically mounted Y/B axis and the two tool turrets located at the bottom of the workspace. Together these features make for a flexible and highly productive style of machining.

At the Open House, INDEX will be presenting its new bar loader MBL 76, which is compatible with the G220. Tailored to match the new machine’s design and turning spindle diameter, this bar loader stands out in sharp relief because of its excellent damping properties. It is purely electrically powered, with no hydraulic components. Its ergonomic and easy-to-set-up structure and high precision factor are ready to impress one and all. Last but not least, it achieves faster change times than have previously been possible with the INDEX MBL 65.

**Good Machines Made Even Better**

The second highlight of the show is the new version of the successful ABC CNC automatic lathe, which is characterized, above all, by major improvements in the upper turret. These include an electronic indexing axis, Y functionality, height adjustment, and the possibility of accommodate double tool holders. Alongside these innovations, INDEX has retained the valued features of the previous, successful model: the machine design, working area, and footprint are all still exactly the same. All existing part programs run as before, guaranteed without any loss in cycle times and machining quality.

**Market Demands Satisfied**

Visitor are sure to also be drawn to the new TRAUB TNL12 sliding headstock automatic lathe, which can easily be converted to a fixed headstock. Compared to its predecessor model, the machine boasts a more compact design and improved kinematics. These are the ideal prerequisites for a significant increase in productivity when it comes to small, high-precision turned parts.

Those who wish to experience highly economical turning operations should definitely not miss the presentation of the INDEX MS24-6 CNC multi-spindle automatic lathe. Compared to its MS22-6 predecessor, the machine has a slightly larger maximum bar diameter, but a more compact overall design and is kitted out with numerous features. With the demand for extremely large lot sizes diminishing, the optimized setup concept is extremely important. This is helped by the INDEX quick clamping system with integrated W-serration on the cross slide.

**No Automation, No Future**

Where would modern machine technology be today without the right automation solution? INDEX is meeting this growing demand with various solutions, which range from simple workpiece removal devices integrated within the machines to sophisticated external robot solutions.

The scope of INDEX’s automation expertise can be seen above all with the new, large iXcenter, which is being presented on the INDEX G420 turn-mill center. It consists of a robot booth placed in front of the machine, to which different modules can be docked from two sides, including: pallet/rack modules, measuring/testing stations, equipment for deburring, cleaning or laser marking, and much more.

**Inspiring Digital Solutions**

The past two years have driven rapid innovation and adoption of new digital tools and INDEX’s cloud-based iXworld platform is helping manufacturers keep pace. The digital INDEX world has been evolving at breakneck speed for years and its significant gains to productivity and efficiency have already been experienced by many customers. A central element of iXworld is the INDEX IoT platform iX4.0 with its countless iX4.0 apps, each of which is optimized to cater to specific customer needs. Visitors to the Open House 2022 will see the latest in iXworld, with digitalization experts demonstrating how users can benefit from the new possibilities on offer.

**Meet The Experts**

In addition to the presentation of the INDEX and TRAUB machines, 30 partner companies will be co-exhibiting at the Global Open House. Additionally, attendees will be able to extend their knowledge of important technological subjects through specialist presentations and discussions with experts from the fields of automation, digitalization, procurement, refit and more. Moreover, experts from INDEX branch management will be available to discuss specific tasks and machining solutions for the medical, aerospace and e-mobility sectors.

On Thursday evening starting at 4:30 pm, visitors will be able to see and enjoy other experts too: the magician Marco Miele (known from TV and radio) and also the band “La Diri”.

Registration for the INDEX Group Open House event in Reichenbach and further information can be found at [www.index-werke.de/openhouse](http://www.index-werke.de/openhouse)

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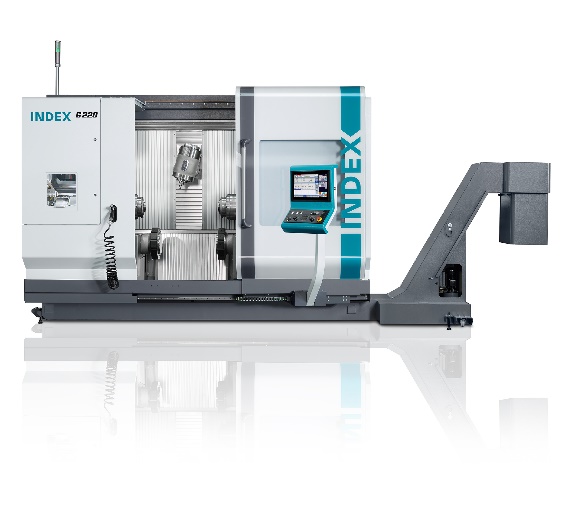
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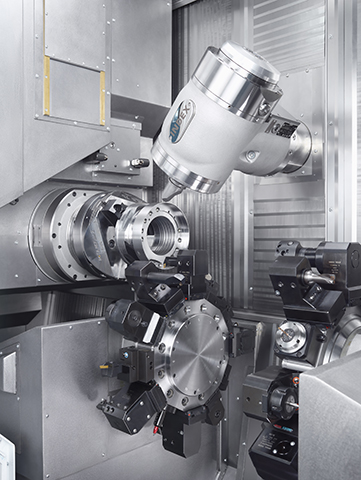
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**Photos:**

# 1: Efficient complete machining with the new INDEX G220

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# 2: Turning and Milling / Work space area of the INDEX G320



# 3: The new INDEX ABC, now with Y-axis



# 4: The new sliding headstock automatic lathe TRAUB TNL12 with significant increase in productivity when it comes to small, high-precision turned parts.



# 5: INDEX Logo

