Press release dated July 31, 2021

INDEX at EMO 2021 (Hall 1, C17)

Machines, IoT, and a new business area

**New, even more productive automatic lathes, increased efficiency thanks to the iXworld cloud platform, and completely new products for 3D metal printing – at EMO 2021 in Milan, INDEX shows what it means to be ready for the future of metal processing.**

At the EMO booth (Hall 1 / C17), INDEX is presenting new machine developments that meet the latest market demands. The company, for example, is responding to the trend toward complete machining with new turn-mill centers that excel in both technologies almost equally. After the successful market launch of the INDEX G220, INDEX G420, and G520 models, INDEX is now introducing the medium-sized **INDEX G320**. It has a maximum turning length of 1,400 mm and slightly modified performance data compared to its larger siblings.

The new version of the successful **ABC CNC automatic lathe** is another product that has been tailored to the demands of the market for smaller production runs and more complex batch sizes. The required flexibility is provided mainly by the upper tool turret, which now features Y axis functionality and can also be equipped with multiple tool holders. The new INDEX ABC naturally retains all the valued characteristics of its predecessors, such as a small footprint and high power density.

A further highlight is the **INDEX MS24-6 multi-spindle automatic lathe**, which is celebrating its exhibition premiere at EMO. The successor to the INDEX MS22-6 multi-spindle machine has a slightly larger maximum bar diameter, but has a more compact overall design and numerous features that guarantee highly economical turning – such as fast and easy tool setup with the new INDEX tool quick-change system.

Another product that is being shown at an exhibition for the first time is the second generation of the **TRAUB TNL12**, a sliding headstock automatic lathe that now can be quickly converted to fixed headstock operation, just like its larger cousins. This machine features a more compact design and improved kinematics. In the production of small high-precision turned parts, this means greater productivity and flexibility with reduced space requirements.

The new machines are without doubt the core of the INDEX product range. To show their practical advantages, the INDEX EMO exhibition booth presents different topic areas that focus on **e-mobility, medical, and aerospace**. Application specialists will be available there to answer application-specific questions from visitors.

The digital INDEX **iXworld** is also omnipresent at the booth. With this cloud-based IoT platform, the machine manufacturer provides fast and easy access to all important information regarding its machines and technologies. The numerous applications available on the integrated iX4.0, iXshop, and iXservices portals ensure application- and efficiency-focused digital support for the entire process chain.

Last but not least, INDEX is presenting **OCM** – One Click Metal GmbH – at EMO. INDEX recently became majority shareholder of OCM, thus adding the promising field of “additive manufacturing solutions” to the business areas of the INDEX Group. With a workforce of about 20 employees, One Click Metal develops comprehensive solutions in the field of metal 3D printing for small and medium-sized components. From programming to printing, to unpacking and the powder cycle, all process steps are geared towards simplicity and user-friendliness.

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**Images:**

Image 1: The INDEX G320 turn-mill center provides a maximum turning length of 1,400 mm and enables full 5-axis milling.

Image 2: The upper turret now has Y axis functionality and can be equipped with multiple holders.



Image 3: The new INDEX MS24-6 multi-spindle automatic lathe stands for maximum productivity and fast setup with the new INDEX tool quick-change system.



Image 4: More productivity and flexibility with reduced space requirements with the new TRAUB TNL 12.