Press release dated 2019-07-22

INDEX at EMO 2019 (Hall 17, D03)

**Efficient machining and digital integration**

**At EMO 2019, INDEX is pleased to be able to showcase the future of efficient machining. Alongside innovative machine and cutting technologies, digitalization is set to play a pioneering role. Visitors to the exhibition booth (Hall 17, D03) will witness and experience the wealth of services available on the INDEX iXworld cloud platform: ranging from machine procurement through operation, right up to service and maintenance.**

Attendees will also be able to see seventeen INDEX and TRAUB machines in action – that is what an area of more than 1,100 square meters at the exhibition booth in Hall 17 has on offer. The most significant highlights include the new INDEX MS32-6 multi-spindle machine, celebrating its world premiere at EMO, and the INDEX B500 and TRAUB TNA400 turning centers, a dream team which is based on the same platform and that can be implemented universally. The INDEX C200 *tandem* with double spindles promises maximum productivity. And the new versions of the INDEX C100 equipped with iXcenter show just what fully automated production centers can really do.

At EMO 2019, a variety of other INDEX machines will also be on display at diverse locations outside of the company’s booth. One such location is the SONDERSCHAU JUGEND booth (Hall 25, A01), where, together with the assistance of partners from the Nachwuchsstiftung Maschinenbau Foundation, visitors will be able to see a complete process chain from the initial drawing to manufacture of a Formula 1 model car. The display here also includes an INDEX G200 turning and milling center for machining the racing car’s rims.

**Welcome to iXworld, the world of digital integration from INDEX**

Alongside all of these machines and technologies, however, the overarching topic is digitization and the subsequent digitalization. By going to ***ixworld.com***, INDEX and TRAUB users can access iXworld and all of the information they need on our machinery and technologies, as well as visiting the iX4.0, iXshop, and iXservices portals. Each of these services provides digital support for the entire process chain.

At the heart of iXworld is the **IoT-Platform iX4.0**, which integrates INDEX and TRAUB machines in the digital world as “digital twins”. It’s the entrance ticket to the digital future for all machinists. Since July 2019, INDEX has been supplying new machines with the **iX4.0 go** starter package on request, which provides free twelve-month access to all iX4.0 applications. Thanks to the open INDEX solution, older INDEX and third-party machines are easy to connect using an IoT connector.

There is no doubt that iX4.0 boosts competitiveness. Various applications contribute to this, such as AlarmMessenger, which informs the operator of unscheduled downtimes, or Status Monitor, which provides the transparency required when processing MDA and ODA data. And iX4.0 apps can be used for condition monitoring to prevent machine failures before any problems begin: Spindle Check collects information on speed, spindle load, temperature curves, etc., evaluates it, and displays it in graphical form. Axis Check performs these tasks for the linear axes.

**Potential recognized**

**iXshop** has already attained a great deal of success: over 1,000 customers use the procurement portal – over 200,000 times a year. Intelligent search functions make it easy to purchase tool holders, accessories, clamping devices, spare parts, and raw materials – all from a single source, and, if desired, integrated with in-house ERP systems. With an available stock level of over 95%, rapid delivery of the 130,000 listed items is guaranteed.

The broad range of products and services available in iXshop is constantly being expanded, for example, by integrating online marketplaces such as that of Klöckner & Co, the digital pioneer in the steel industry, and also by including numerous brand stores offering high-quality complementary products.

**iXservices** is the INDEX service portal for managing all machines, including those from third-party suppliers – including fault, repair, maintenance, and care management. An interactive 3D machine model that aids users in identifying and ordering spare parts is a great time-saver. Remote access using smart devices and the teleservice is also available – now using a prepaid system and smartphones in order to avoid costly licensing. The future has most definitely arrived.

**Contact:** INDEX-Werke GmbH & Co. KG Hahn & Tessky

Rainer Gondek

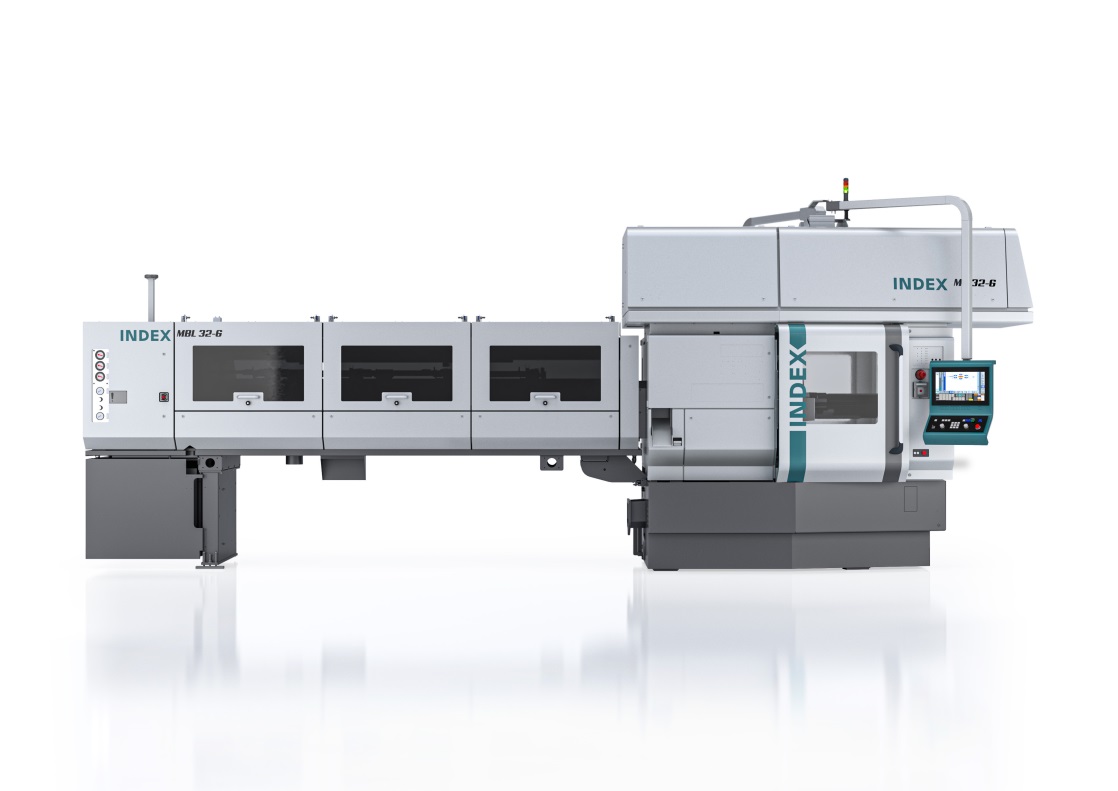
Global Marketing Director

Phone: +49 (711) 3191-1286

[rainer.gondek@index-werke.de](mailto:rainer.gondek@index-werke.de)

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Picture 1: iXworld – Digital Integration at INDEX

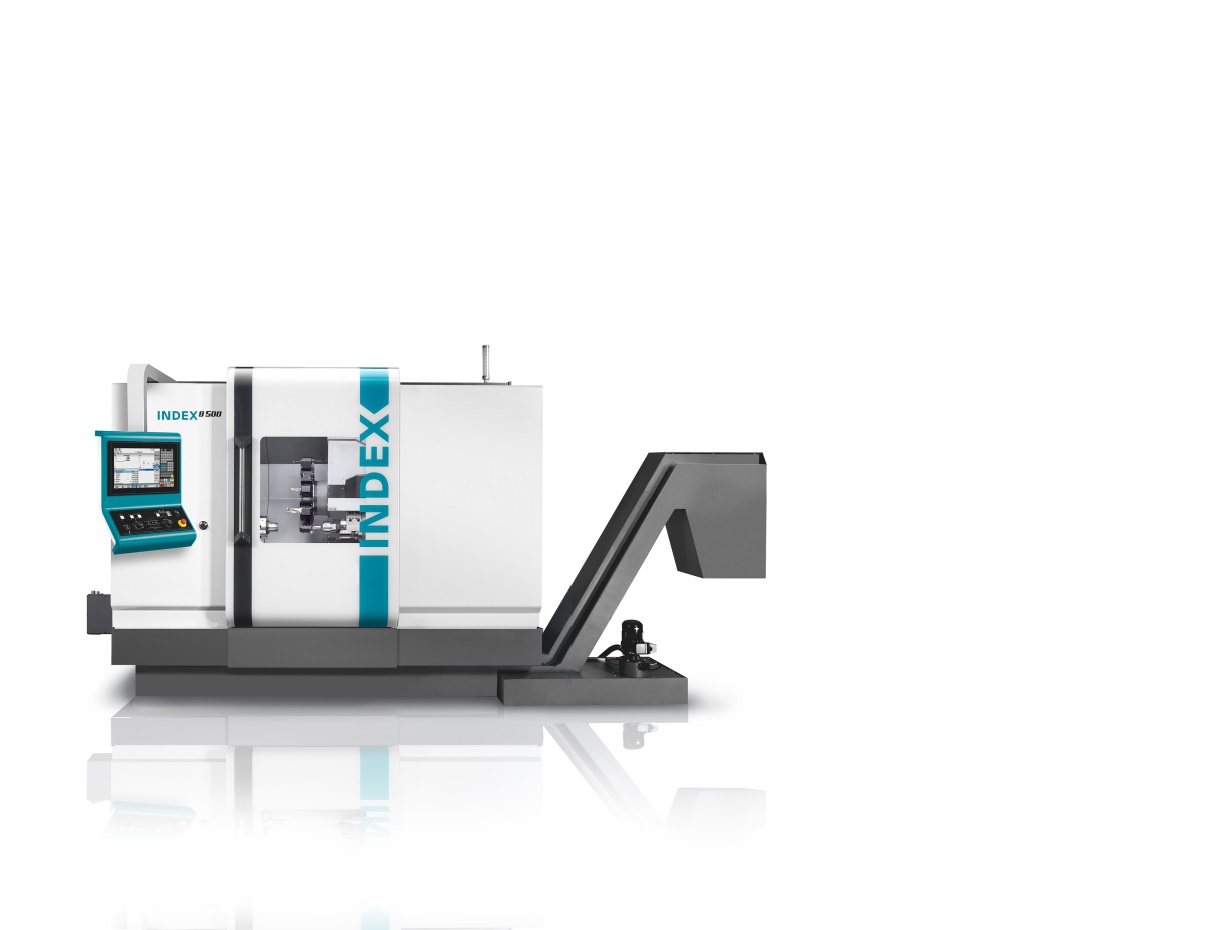


picture 2: INDEX Multispindle automatic machine MS32-6 – flexible and highly productiv





picture 3: INDEX production turning machine C200 *tandem* – double productivity



picture 4: INDEX universal turning machine B500