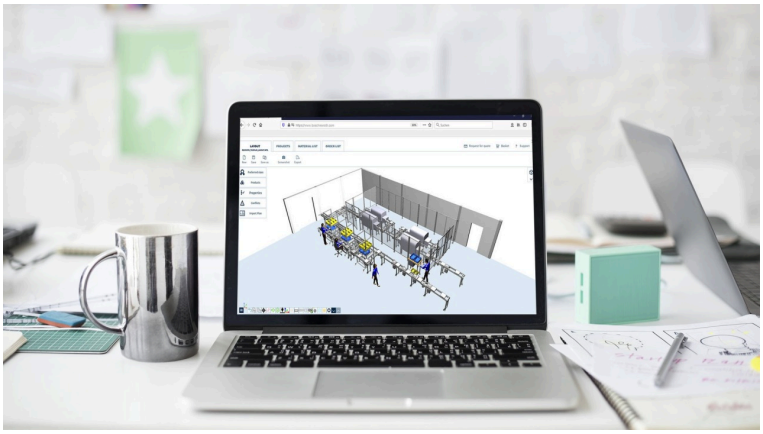
PRESS INFORMATION

MTpro Online Designer

Manuela Kessler | 05.10.2021 | Lohr am Main / Germany | PI 030/21

At Motek, Bosch Rexroth will present a new online version of its MTpro planning software

- Flexibility: even greater design freedom, can be used regardless of the time or location
- Compatible online and offline version: identical data basis and functions
- High usability, numerous interfaces, intelligent features



With the MTpro Online Designer web configurator, systems can be planned quickly and easily. (Image source: Bosch Rexroth AG)

For years now, numerous design engineers have relied on the proven MTpro Layout Designer when planning assembly systems. With its wide range of functions, it reduces the work involved when planning systems to a minimum. To give MTpro users even greater design freedom, Bosch Rexroth will present its new MTpro Online Designer web configurator at Motek.

Even greater flexibility

With the browser-based MTpro Online Designer, users avoid duplicate work, can maintain data more easily and can reduce the internal outlay by around half. Unlimited 24/7 availability is one characteristic feature. The online version not only allows use regardless of the time or location. It also requires no installation whatsoever and there is no need to download system updates or update libraries – the entire solution is always up to date. As a result, Bosch Rexroth now offers even greater construction freedom for users.

Focus on collaboration

The web configurator takes advantage of the benefits offered by the Internet and online communication. The focus here is on specific opportunities for collaboration. Construction requirements can be determined quickly and taken into account in initial layouts which can then be made available to other people involved in the project. In order to ensure maximum

compatibility, drafts can be exchanged seamlessly between the online and offline version. A file upload and download function helps to ensure smooth communication between the two platforms.

Full control of the process

With the desktop and the online version, design engineers can monitor the entire planning process – from selecting components and configuration to ordering materials. To make this possible, MTpro accesses a database of over 4,000 original Bosch Rexroth components which is available in both versions. As a result, MTpro plans, calculates and documents assembly systems in just a few clicks. As the end result, users are given 3D diagrams, CAD models and drawings which visualize and realize highly complex transfer systems, profile frames, machine housings or manual production systems across a range of platforms. A complete parts list and a basic calculation as a basis for quotations summarize the materials required which can then be ordered online using the software. A link to the Bosch Rexroth eShop as well as to sales partners allows quick order processing.

Intelligent features

Intelligent features such as the drag and snap function which puts together selected materials quickly and easily in the correct place make the software particularly user-friendly. Project parts lists ensure transparency regarding the materials used and the costs involved at all times. The design logic on which the system is based automatically adds any extra components required. This helps to ensure quick and error-free construction. MTpro allows individual hall layouts to be read in for exact planning. Standardized “man models” simulate grip limits and fields of vision and thus make it easier to plan ergonomic layouts. They can be integrated into the layout at any time in order to ensure optimum ergonomics in the workplace.

Numerous interfaces

Numerous interfaces offer additional benefits for users, for example connecting the MTpro web configurator to the online catalog or reusing drafts and models in CAD environments. The software has an export function for example which is compatible with all popular CAD file formats specially for this purpose.

Basic Information Bosch Rexroth

As one of the world’s leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, and Factory Automation. With its intelligent components, customized system solutions and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries, more than 29,600 associates generated sales revenue of around 5.2 billion euros in 2020.

rexroth
A Bosch Company

PRESS INFORMATION

Basic Information Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 395,000 associates worldwide (as of December 31, 2020). The company generated sales of 71.5 billion euros in 2020. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 129 locations across the globe, Bosch employs some 73,000 associates in research and development, of which nearly 34,000 are software engineers.

Press Contact

Please get in touch with our Press Contact

Manuela Kessler
Spokesperson
technology topics
+49 9352 184145
Manuela.Kessler@boschrexroth.de