

Nuremberg, September 28, 2021

EMO Milano, Hall 7|Booth E06 and virtual Siemens Machine Tool Days 2021

Siemens to supply the new generation of its CNC control system to produce electric drive housings for the BMW plant in Steyr

- **Sinumerik One is in operation at the BMW Group plant in Steyr, Austria**
- **High performance through integrated Simatic S7-1500F**

Siemens supplies automation hardware and software to the BMW Group. The automation solution includes, among other things, the new generation of the Sinumerik One CNC control, which offers digital possibilities to increase productivity in production. The new automation portfolio will be used at the Steyr production plant in Austria to produce the electric drive housing. It will also help to transform production for the digital age. Siemens and the BMW Group have a long-standing partnership. The success of both companies is based on driving innovation and developing forward-looking technologies, while at the same time focusing on sustainability.

Sinumerik One plays a central role in the transformation of machine tools in the age of Industry 4.0. The controller outperforms previous generations of controllers in terms of PLC and CNC performance in machine operation, cutting speed, and data collection and processing power. Thanks to the integrated Simatic S7-1500F PLC, it offers up to 10 times faster PLC cycle times. With the Simatic S7-1500F PLC, Sinumerik One is fully integrated into the Engineering Framework TIA Portal and thus enables standardization of all engineering tasks for operators of larger plants.

With Sinumerik One, Siemens offers the technology to easily create and work with digital twins of machine tools. Digital self-optimization tools, predictive maintenance tools for reduced and planned downtimes and intelligent assistance systems for machine safety and operation can be used to increase production efficiency and reliability many times over.

The plant in Steyr is the BMW Group's largest motor factory. This is where all the housings for the e-drive of the new BMW e-mobility fleet are exclusively manufactured. Five different housing variants are produced on one production line. The new generation of CNC automation from Siemens supports the BMW Group's entry into the e-mobility market and contributes to an optimized production process.



Caption: Sinumerik One, the first digital native CNC, represents the core element for the digital transformation of the machine tool world



Caption: The BMW Group factory in Steyr



Caption: The production line of the e-drive housing

This press release and a press picture are available <https://sie.ag/3CzISl7>

Further information on Siemens at EMO Milan and the Siemens Machine Tool Days 2021 please see www.siemens.com/press/emo21 and www.siemens.com/emo

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Siemens AG (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power.

In fiscal 2020, which ended on September 30, 2020, the Siemens Group generated revenue of €55.3 billion and net income of €4.2 billion. As of September 30, 2020, the company had around 293,000 employees worldwide. Further information is available on the Internet at www.siemens.com.