

## Press Release

October 18, 2018

# Grand Opening of FAMOT Plant Large-scale Investment on Digitization for Cutting-edge Production Base

DMG MORI CO., Ltd. (hereinafter DMG MORI) newly opened the FAMOT plant located in Pleszew, Poland, which is one of its most important production bases in Europe.

The opening ceremony was held on October 8 (local time) with an attendance of Tsukasa Kawada, Ambassador to Poland, and Jana Orłowski, the deputy representative of the Consulate General of Germany. In the ceremony, the ribbon was cut by President Dr. Mori; Christian Thönes, Chairman of the Executive Board at DMG MORI AKTIENGESELLSCHAFT; and Zbigniew Nadstawski, FAMOT/Ulyanovsk Plant CTO.

The FAMOT plant was founded in 1877 as a small agricultural machinery manufacturer and joined the DMG MORI group in 1999. The plant is one of the DMG MORI's most important production bases in Europe, which supplies main components including large machine tool casting parts to other bases as well as being a production site of 5-axis control machine CMX series and turning center CLX series.

DMG MORI invested some 8 billion yen on the plant and expanded the total area from 20,000 m<sup>2</sup> to 50,000 m<sup>2</sup>. The area of 21,000 m<sup>2</sup> is used for production and assembly to increase the capacity and respond to growing demand for 5-axis machines. The intensive investment on plant digitization also allows central management of information about manufacturing plans, setups, production, monitoring and maintenance. To be more concrete, it makes possible efficient programming and setups prior to machining by CAD and CAM; seamlessly networked production planning and its implementation by ERP and ISTOS<sup>\*1</sup>; and predictive maintenance and maintenance management by WERKBLiQ<sup>\*2</sup>.

The FAMOT plant, which was newly born as a proving ground of Industry 4.0 and Connected Industries technologies, will proactively employ the latest Digital Twin and edge computing technologies to further evolve into a cutting-edge part machining plant.

<sup>\*1</sup>ISTOS: DMG MORI's group company that develops software "ISTOS" for production planning and implementation

<sup>\*2</sup>WERKBLiQ: DMG MORI's group company that develops "WERKBLiQ" for predictive maintenance

## <FAMOT Plant>

Location : Fabryczna 7, 63-300 Pleszew, Poland

Building area : 50,000 m<sup>2</sup>

New and expanded facilities: Assembly plant, Spindle plant, XXL plant\*,  
Hardening plant, Logistics center, casting warehouse, office, and warehouse

Production items: 5-axis control machine, CMX series, CLX series, automation systems

\*XXL plant: Machines castings for large 5-axis machines developed and produced at the Pfronten plant. To be completed in March 2019



#### Ribbon cutting ceremony

(From left: Marek Osiński, DMG MORI Polska Sp. z o. o.; Christian Thönes; Jana Orlowski, the deputy representative of the Consulate General of Germany; Tsukasa Kawada, Ambassador to Poland; President Dr. Mori; Zbigniew Nadstawski, FAMOT/Ulyanovsk plant CTO; Dr. Michael Budt, FAMOT/GRAZIANO/Ulyanovsk plant CSO)



FAMOT plant newly born as a digital factory model