

## Press Release

May 28, 2020

### **DMG MORI's Machine Tools Install Nikon's Non-contact Laser Scanner "LC15Dx"**

DMG MORI CO., LTD. (hereinafter called DMG MORI) and Nikon Corporation (President: Umatate Toshikazu; Head Office: Minato-ku, Tokyo; hereinafter called Nikon) signed a memorandum of understanding for the comprehensive business alliance in November 2019, followed by the formal conclusion of the agreement in March 2020.

This time, as part of the business alliance, the both companies signed a memorandum of understanding for the sales and purchase agreement that the Nikon's non-contact laser scanner "LC15Dx" is to be installed into the DMG MORI's machine tools.

The Nikon's non-contact laser scanner "LC15Dx" enables multi-point measurement at an accuracy level equivalent to that of a contact-type coordinate measuring machine at a high speed. It is also able to efficiently measure a wide variety of parts including small and complex-shaped parts that are difficult to measure with a touch probe without coming in contact with them.

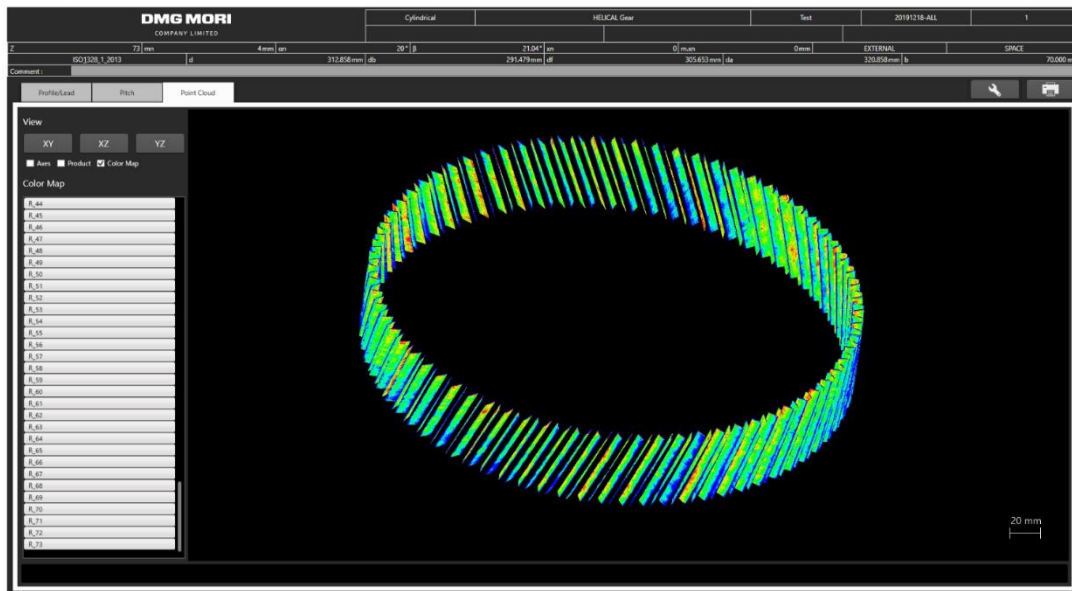
DMG MORI will install the "LC15Dx" to its original non-contact on-machine measuring system, and begin selling the machine tools that install the new measuring system as an option in this autumn. The system ideal for measuring large gears and turbine blades for the aircraft, construction machinery and energy sectors is expected to contribute to improving machining processes and increasing machining accuracy. The availability of the system will be sequentially extended to a broad range of the machines.

DMG MORI will create synergy by combining the resources of the two companies through the alliance, and strive to provide innovative solutions for customers in collaboration with Nikon, a company with a high level of technological capability such as the opto-electronics and precision technologies as its technological core.

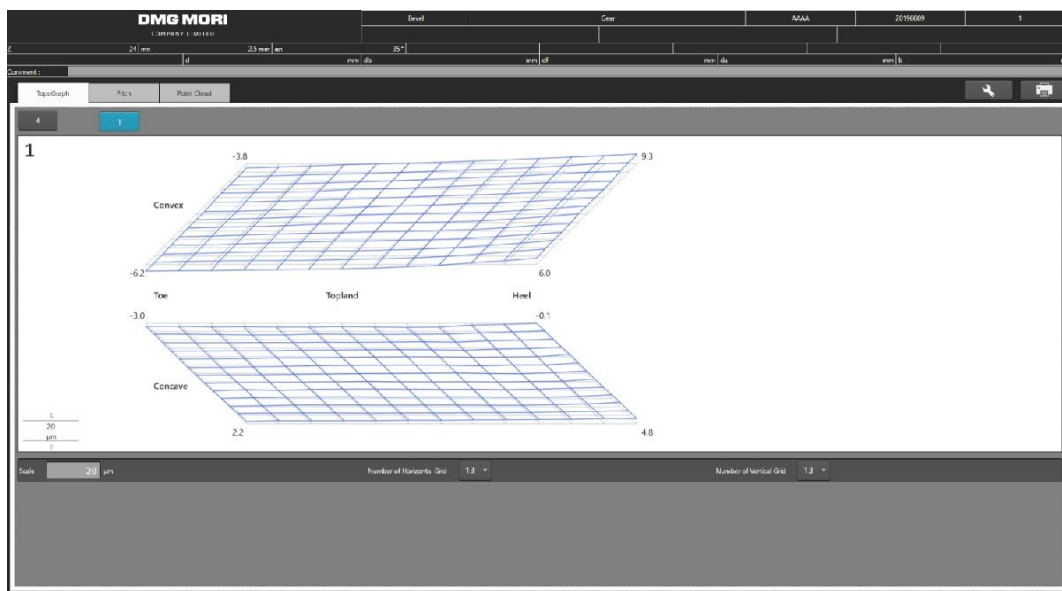


Image of the on-machine measuring system equipped with Nikon's non-contact laser scanner LC15Dx

\*External design (subject to change)



Color map \*Error from the design data



Topograph \*Evaluation result of bevel gear tooth surface