

Press Release

September 28th, 2023

Magnescale to Build Laserscale Plants in Nara City and Yamatokoriyama City, Nara Prefecture

Magnescale Co., Ltd., a group company of DMG MORI CO., LTD. will build a new plant for its Laserscale production on 13,220 m² of land straddling Nara City and Yamato Koriyama City in Nara Prefecture, with completion scheduled for May 2025. The groundbreaking ceremony was held on September 26, 2023, together with Mr. Makoto Yamashita, Governor of Nara Prefecture, Mr. Gen Nakagawa, Mayor of Nara City, and Mr. Kiyoshi Ueda, Mayor of Yamato Koriyama.

Laserscale is a position detection system with picometer-level resolution, utilized in advanced semiconductor manufacturing equipment and high-precision metalworking machines. As processing and inspection accuracy continue to advance, the need for Laserscale is steadily increasing, underscoring its growing importance. Its role is particularly indispensable in the miniaturization of semiconductors, which demands great responsibility from its suppliers.

Currently, Laserscale is manufactured at the Isehara Plant in Kanagawa Prefecture, but the maximum production capacity of 25,000 pieces is expected to be reached by 2025. Therefore, Magnescale decided to build a new production facility. With the new Nara Plant, Magnescale will have a maximum production capacity of 60,000 pieces per year. In addition to increased production, the Nara Plant will also incorporate state-of-the-art Laserscale development facilities to address the needs of the market. With two plants in operation, Magnescale will have a backup facility to ensure business continuity in the event of a disaster.

◆ Outline of Magnescale's Nara Plant

- (1) Address : 355-1 Kamimihashi-cho, Yamatokoriyama City, Nara Prefecture;
48-1 Imaichi-cho, Nara City, Nara Prefecture
- (2) Site area : 13,220 m²
- (3) Building structure : 3 floors, 1 basement floor
- (4) Total floor space : 17,623 m²
- (5) Start of operation : Building completion at the end of May, 2025,
Operation start from September 2025
- (6) Total investment : Approx. 11.7 billion yen (including machinery and equipment)
- (7) Local employment : Starting with approx. 50 employees, to be gradually increased to 150
- (8) Product : Laserscale
- (9) Production capacity : Approx. 35,000 pieces per year

◆ About Magnescale Co., Ltd.

Headquarters : 3-1-4 Edagawa, Koto-ku, Tokyo

President and Representative Director: Osamu Ono

Establishment : August 1, 1969

Capital : 1 billion yen

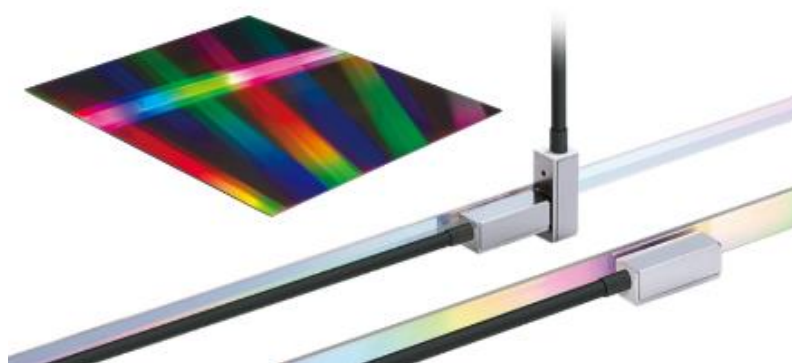
Business : Development, production and sales of Magnescale, Laserscale and Digital Gauge

Sales : Estimated 20 billion yen in FY2023, 40 billion yen in FY2030

Note : Acquired measuring instrument business of Sony Manufacturing Systems Inc. and joined DMG MORI Group as Magnescale Co., Ltd. in 2010



Design of Magnescale's Nara Plant



Laserscale system