



YKK AP Acquires a Site for a Factory in Misato Town, Saitama Prefecture, and Announces Plan to Construct a New Factory Restructuring the Aluminum Architectural Products Manufacture and Supply Structure for Commercial Buildings in the Tokyo Metropolitan Area

YKK AP Inc. (Headquarters: Chiyoda-ku, Tokyo; President: Hidemitsu Hori) announced that to expand the YKK AP Saitama Factory, it has acquired land in Misato Town, Saitama Prefecture, adjacent to the current factory. The Plan to construct the new factory is as follows.

The YKK AP Saitama Factory is a manufacturing site for aluminum architectural products for commercial buildings. The factory is located close to Yorii Smart Interchange of the Kan-Etsu Expressway and is easily accessible from points of construction demand in the Tokyo metropolitan area.

YKK AP has listed “Strengthening the commercial business in the Tokyo metropolitan area and manufacturing reform” as a priority measure for the company in FY2021. With the recent acquisition of the factory site, YKK AP will restructure the manufacturing and supply structure, newly enhancing the Saitama Factory into a core factory that will increase the competitive strength of the commercial business in East Japan, including the Tokyo metropolitan area.

Through manufacturing reform, manufacturing costs at the new factory will be reduced by 25% from before. This includes intensive production using the rationalized facilities of the in-house Machinery Manufacturing Division, expansion of automated processes, and the data-coordinated development of production lines. There will also be logistics reform, including the implementation of unit loading and modal shifts. This will shorten lead times, from order receipt to delivery, by about six days.

The concept of the structure will be to create a “rewarding factory.” CO₂ emissions will be reduced by 30% by adopting building skins with high thermal insulation performance, windows with superior thermal insulation and ventilation performance, modulated lighting, and high efficiency air conditioning. Furthermore, net-zero CO₂ emissions will be achieved through solar power generation and the procurement of renewable energy. What is more, rainwater will also be utilized, and YKK AP will aim for a green factory that is friendly to the global environment and to the people who work there. A portion of the land that was newly acquired is also scheduled to be made into rest areas that will be open for use as a place for relaxation by the general public from neighboring areas.

[Concept of the New Factory]

- **Manufacturing reform:** 25% reduction of manufacturing costs as compared to the past; lead-time reduction of approximately six days
- **Logistics reform:** 14% improvement of delivery efficiency through the implementation of unit loading and modal shifts
- **Rewarding factory:** 30% reduction of CO₂ emissions through structure specifications; achievement of net-zero CO₂ emissions through solar power generation and renewable energy procurement



Artist's rendition of the exterior of the new factory at YKK AP Saitama Factory

[Outline of the Plan for the New Factory]

Location	Within Minami Jujo premises in Misato Town, Kodama District, Saitama Prefecture
Design and construction	Obayashi Corporation
Site area	42,686 square meters (newly acquired)
Building structure	Steel-framed structure, two stories above ground
Total floor area	23,000 square meters
Investment amount	Approximately 4.5 billion yen in total (breakdown: site acquisition, 800 million yen; structure, 3.4 billion yen; other, 300 million yen)
Number of new employees	40 (FY2023)
Construction period	Construction scheduled to start in August 2022; completion scheduled for July 2023
Scheduled start of factory operations	September 2023

[Reference: Outline of the YKK AP Saitama Factory]

Address	23-1 Minami Jujo, Misato Town, Kodama District, Saitama Prefecture
Commencement of operations	September 1975
Site area	40,340 square meters (total of 83,026 square meters with the recent acquisition)
Total floor area	21,906 square meters
Person responsible	Hiroaki Miyamoto
Number of employees	293 (as of April 1, 2021)
Manufactured items	Aluminum architectural products for commercial buildings