

# NEWS RELEASE

Hamamatsu Photonics will construct a new factory building at the Shingai Factory to increase its opto-semiconductor device production capacity.

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**Hamamatsu Photonics K. K.**

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President and CEO: Akira Hiruma

Hamamatsu Photonics will construct a new factory building at the Shingai Factory (Shingai-cho, Minami-ku, Hamamatsu City, Japan) to cope with increasing sales demand for opto-semiconductors, X-ray image sensors and X-ray flat panel sensors.

The new factory building will be completed in August 2020.



Hamamatsu Photonics has been supplying opto-semiconductor products for a wide range of applications and fields such as medical diagnosis and treatment, industrial instrumentation, automotive, and scientific measurement. Recently, there has been constantly increasing demand for plastic-molded opto-semiconductors mass-producible in large quantities as well as for X-ray image sensors and X-ray flat panel sensors used in radiation inspection devices. We expect a further increase in sales of these products over a diverse spectrum of fields.

Construction of this new factory building will help us build up our production system for opto-semiconductors, X-ray image sensors, and X-ray flat panel sensors. This will also consolidate our opto-semiconductor production processes that are currently located separately from each other in different locations at the Shingai Factory and associated companies. These production processes will now all take place in the new factory building where we can streamline production efficiency and create a more robust supply system through labor-saving and automation. To boost X-ray image sensor and X-ray flat panel sensor production, we will speed up product development by consolidating design, development and evaluation into a single area and will also streamline our supply system by way of production processes located on the same floor to respond to constantly growing demand.

To ensure business continuity against natural disasters which are increasing in recent years, we will make anti-disaster measures more robust by incorporating earthquake and flood control measures into the building structure of the new factory based on our business continuity planning. At the same time, the new factory building is designed to actively incorporate

eco-friendly measures such as LED lighting, heat-insulated walls, solar power plant, and rainwater reuse systems.

Detailed information on the new factory building are given below:

<New Factory Building Overview>

Factory building name: Shingai Factory Building No.2  
Construction location: 1128, Shingai-cho, Minami-ku, Hamamatsu City, Shizuoka Pref., Japan (East side of Shingai Factory No.1)  
Construction schedule: Construction will start July 2019 and will be completed in August 2020  
Operation start schedule: October 2020  
Building structure: Steel frame construction, 4 floors  
Building size: Building area:4,560 square meters  
Total floor space: 15,285 square meters  
Facility layout:  
1st floor: Visitor entrance, shipping area, production room (cleanroom) for opto-semiconductors  
2nd floor: Production room (cleanroom) for opto-semiconductors  
3rd floor: Production room (cleanroom) for X-ray image sensors and flat panel sensors  
4th floor: Design room, evaluation room, meeting rooms, restrooms  
Roof floor: Solar power plant (factory power supply needs) 186 kW  
Total construction cost: Approximately 6.5 billion yen  
Accommodation capacity: Approximately 400 persons  
Products: Opto-semiconductor devices, X-ray image sensors and flat panel sensors  
Production capacity: Approximately 25 billion yen annually (converted to sales figure)



Artist's rendering of Shingai Factory Building No. 2