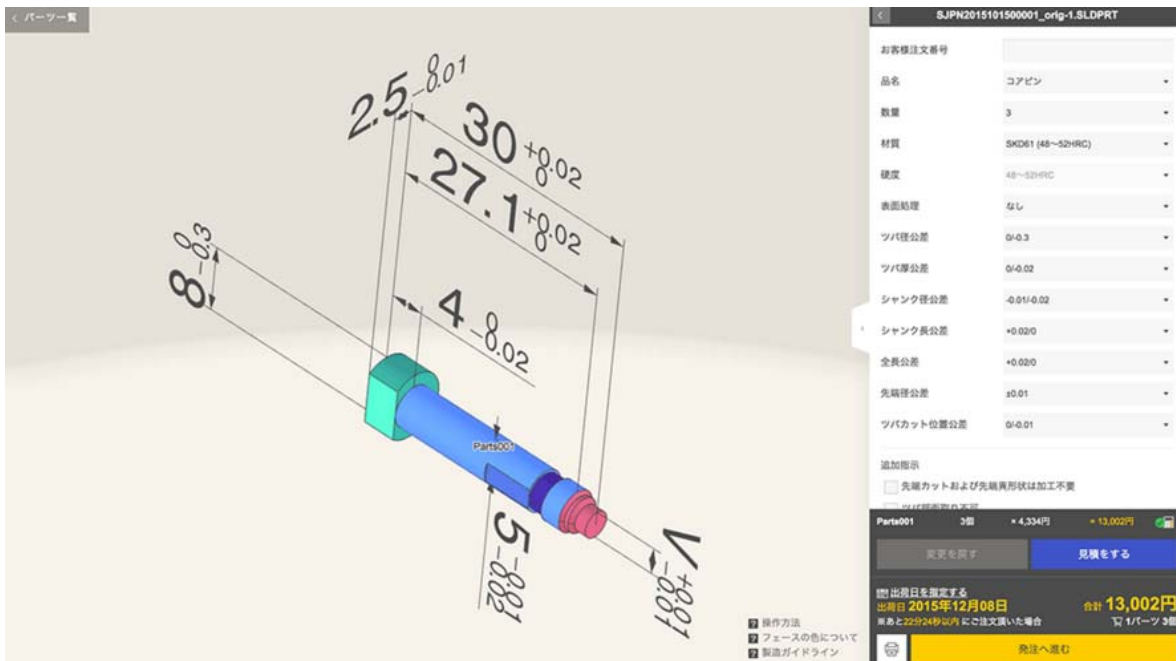


Improving Operational Efficiency from Design to Order and Delivery, the Next-generation Manufacturing Platform “meviy” Service Launched

- Enable customers to order parts for precision machinery based only on 3D CAD data;
Smart support for communicating and sharing information up to delivery -

MISUMI Group Inc. has launched the “meviy” service, a next-generation manufacturing platform that supports innovations in manufacturing. MISUMI handles the short-term and reliable delivery of products necessary for manufacturing ranging from die components and FA mechanical components to machine tools and maintenance supplies. The “meviy” is a patented online service that recognizes 3D shapes based on 3D CAD design data uploaded by the customer, produces an estimate and handles orders. These functions provide smart support for the communication and sharing of information with the contact person that placed the order and the manufacturing site. In turn, MISUMI delivers precision parts, processed at the micron level based on efficient and accurate manufacturing instructions.

An Image of the “meviy” screen



➤ Starting off by providing services for die components

The “meviy” instantly produces an estimate by recognizing 3D CAD data. The service automatically assigns tolerances based on the characteristics of a 3D shape eliminating the need for traditional paper schematics showing tolerance dimensions. The automatically assigned tolerances are displayed on the web browser in 3D. After the program recognizes the 3D data, it can immediately revise the tolerances



and quantity, and creates an estimate. The service can also automatically discern if the part is one of our standard catalog parts. For our standard parts, the service displays the MISUMI order form, prices, and delivery schedule. For other parts, the service determines whether the part must be specially crafted (machined) as a custom made item first. Then it provides a price and delivery time. This service sharply reduces the time and effort previously required for procuring parts after completing the 3D CAD design, which included tasks such as searching for standard catalog parts, creating a 2D schematic for the order, and creating a product list. MISUMI plans to launch the “meviy” service for die components from June 10, 2016.

➤ **Won Good Design Award (award # 15G131178)**

The “meviy” was given the “FY2015 Good Design Award” by the Japan Institute of Design Promotion. We received the following comment from a judge.

“The manufacturing industry has driven Japan’s growth. In Japan, manufacturers have maintained a high level of competitive strength in hardware, including a design of production line. However, owing to advances in information technology, manufacturers inevitably have to deal with comprehensive strategies, that focus on software and links with online services, not just hardware. The “meviy”, a next-generation manufacturing platform released by MISUMI, is a service for ordering precision parts on-line. Parts can be accurately manufactured at the micron-level based only on 3D CAD data. This is the world’s first automated ordering process of its kind. This not only speaks to MISUMI’s high level of quality but also its competitive edge in offering short lead times for delivery. In Japan, where focus tends to concentrate on manufacturing quality, this is a key example of how future competition is likely to unfold in the manufacturing industry.” (Good Design Award website, Japan Institute of Design Promotion)

<http://www.g-mark.org/award/describe/43174>

➤ **Developments going forward**

meviy focuses on global trends for Industry 4.0. It is a platform that supports manufacturing innovations, including mass customization and smart factories. We plan to expand our service, increase our product lineup, and cultivate new business partners in Japan and abroad.

➤ **Information on meviy**

For detailed information on “meviy”, visit the following website.

<https://meviy.misumi-ec.com/> (Japanese only)

➤ **“meviy” exhibition dates**

MISUMI will show off “meviy” at the 27th Design Engineering & Manufacturing Solutions Expo (sponsor: Reed Exhibitions Japan Ltd.) from June 22nd (Wednesday) to the 24th (Friday) at Tokyo Big Site. DMS is a trade show dedicated to the exhibition of IT solutions for the manufacturing industry, including CAD, CAE, ERP, and production management systems.

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