



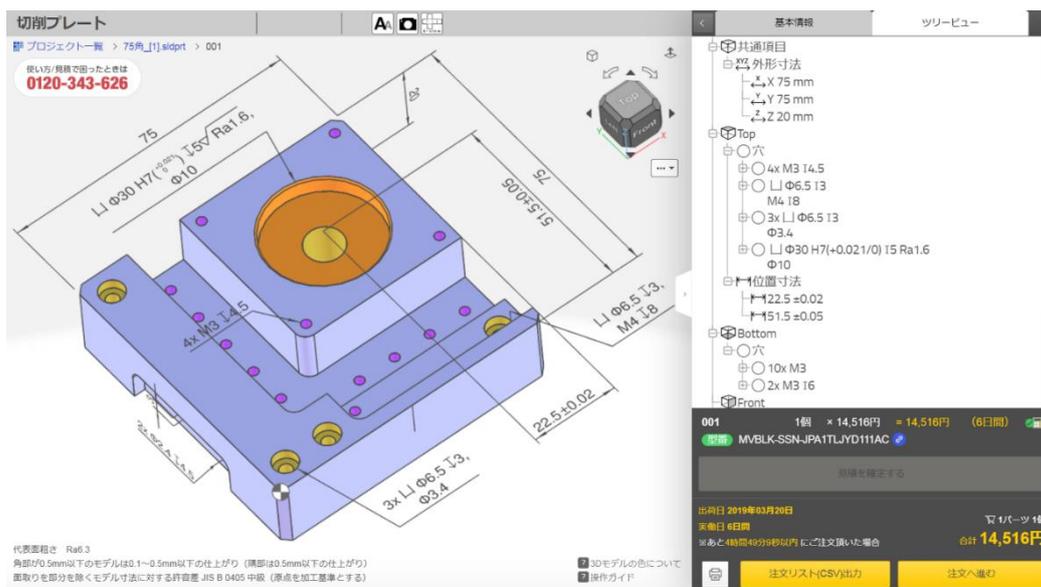
MISUMI Group Inc.

Digital revolution brought about by "meviy" for processed parts procurement in the manufacturing industry advances further
 ~cutting plates now offered as part of the new service; 80% reduction parts procurement time~

MISUMI Group Inc. (Head office: Bunkyo ward, Tokyo; President, Representative Director and CEO: Ryusei Ono) will be offering cutting plates as part of “meviy’s” new service offering. “meviy” significantly reduces time required for estimation and procurement of parts sought by manufacturers.

"meviy" supports next-generation of digital manufacturing by enabling estimation and automatic ordering from 3D data input. Service started in 2016 with mold parts, progressing into sheet metal processing for machinery parts required by Design /R&D departments for prototyping, and equipment /apparatus parts. Provision of cutting plates will mark the beginning of full-scale business roll-out.

It’s possible to reduce time by 80% using "meviy", as it streamlines blueprint design, estimation and ordering, thereby contributing to time saving for manufacturing customers. Cutting plate service expansion will enable most estimation and ordering through meviy for blueprint processed parts for equipment/ apparatus design a possibility.



Screen shot image of “meviy’s” cutting plate service

<Features of "meviy">

"meviy" is an online service which started in 2016, providing precision parts production through 3D data input. Despite proliferation of 3D CAD within the manufacturing industry, it's still largely required to deal with blueprints for parts manufacturing and procurement. However, "meviy" enables 3D data prepared by customers to be seamlessly uploaded onto the browser. The system then automatically determines whether it can be manufactured, and if so, immediately provides an estimation and the delivery date. When orders are received, 3D data is directly linked to its production, ensuring low cost and quick delivery; dramatically reducing time required for parts procurement. "meviy" is compatible with most 3D CAD software, and until recently, service offering was for mold parts, rapid prototyping, and sheet metal processing for machinery parts for equipment and apparatus.

Main features are as follows:

- The system is capable of operating and providing automatic estimation 24 hours a day, 365 days a year. 2D CAD blueprints are not even required, and time that would otherwise be required for blueprint design, estimation and procurement is reduced by 80% or more.
- Once 3D data is uploaded, a unique ID reference number is generated for each product, making repeat orders or orders can be made from overseas effortlessly.
- Instantly determines whether processing of a product is possible when data is uploaded, thereby avoiding inefficiencies, such as re-work.

Since this service offering started, user numbers are steadily increasing within the manufacturing industry.

<Main features of "meviy's" cutting plate service>

① **Tolerance and hole processing specification at the micron level is made possible from the browser**

It's possible to specify tolerances, such as fit tolerances and hole pitch tolerances with high accuracy at specified locations, which is in high demand in the field of equipment and apparatus design. In addition, hole processing (tap holes, accuracy holes, heliserts, etc.) can be selected, making it very customizable, catering to various shapes and dimensional accuracy.

② **Instant estimation, unique ID numbering of blueprint processed products**

Estimation is complete in just a few seconds pursuant to the 3D data upload. Fresh estimations can be provided for as many times as the customer requires, when making changes to: quantity, material type, and tolerance instructions. Unique ID numbers can be used repeatedly for future orders, which is provided in the estimation.

③ **Whether or not cutting plates can be processed is determined automatically**

Unique algorithm will automatically determine whether processing of unconventional shapes is possible, as soon as 3D data is uploaded. Up to now, confirmation and correction work was common place between customers and suppliers, but now time spent on re-work is redundant.

④ **Supports a wide range of materials and surface treatments**

Eight different type of metals are supported, such as, carbon steel, rolled steel, aluminum and stainless steel (resin material will be added in future). Five different types of surface treatments are also available, covering customers' needs within the manufacturing industry, with plans to expand this in future.

⑤ **Reliable quick delivery**

MISUMI has developed a digital manufacturing system for production. 3D data is transferred directly to machining equipment in the production factory, enabling reliable quick delivery. Cutting plates handled through "meviy" can be shipped on the sixth day as standard (※ sheet metals are shipped on the third day), eliminating uncertain delivery dates for parts procurement; significantly reducing procurement lead time, when considering conventional processes take about 14 days.

MISUMI Group handles precision machine parts used for factory automation equipment and molds, as well as tools and consumables used at manufacturing sites. By strengthening our manufacturing capabilities, we have been able to address customer's micron-level processing requirement, all the while achieving quick delivery, an unparalleled feat in the industry. We also handle over 3,000 third-party items delivering one-stop-shop delivery of parts required for manufacturing. By deploying manufacturing and logistic sites in major regions of the world and through establishment of reliable, quick delivery system globally, we are providing "time value" to our customers, which currently exceed 260,000 professional companies in the global manufacturing industry.

"meviy" is the latest initiative for MISUMI Group, which caters to various custom shapes required in diverse equipment design needs. Our 3D data utilizing parts procurement platform contributes dramatically to time reduction within the manufacturing process. We aim to provide further "time value" by further developing "meviy" globally, as a new platform for parts procurement.

[Detailed information on "meviy"]

- Please refer to the following web page for more information regarding "meviy".
<https://meviy.misumi-ec.com/>

【For inquiries related to this article】

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