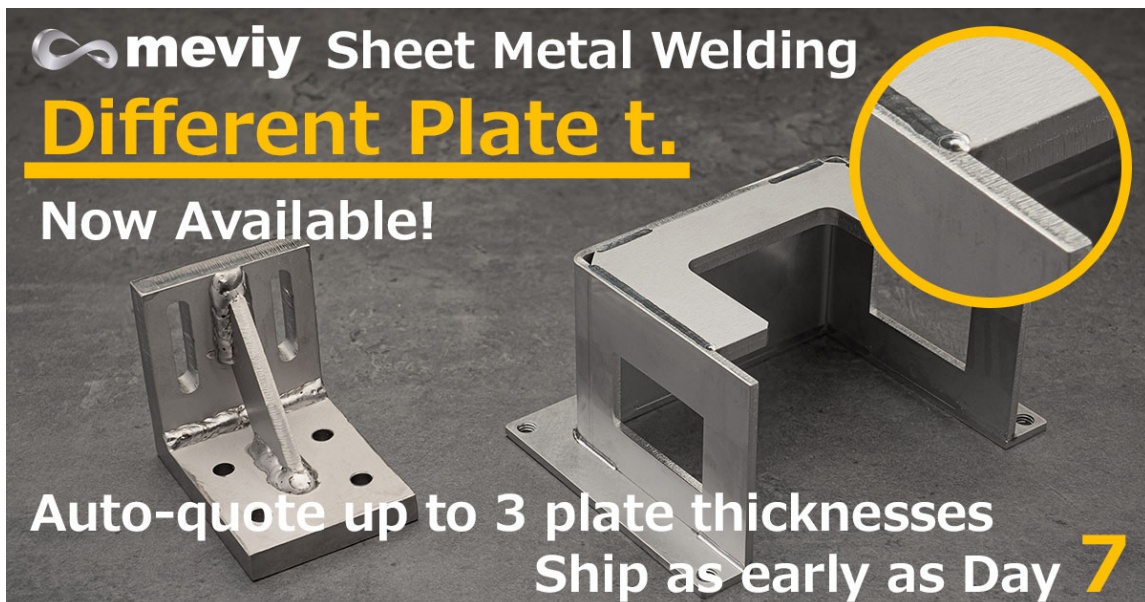


**meviy, an AI-based parts procurement platform,
Now Offers Welding for Different Plate Thicknesses**
About 30% increase in supported shapes for auto quoting

From January 29, 2024, meviy, an AI-based parts procurement platform powered by MISUMI Group Inc. (Headquarters: Chiyoda-ku, Tokyo, Japan; Representative Director and President: Ryusei Ono) will start offering sheet metal welding service for different plate thicknesses. This new feature enables meviy to auto-quote sheet metal welding of the parts composed of different plate thicknesses, with shipping as early as the 7th day from order receipt.

We will continue to provide time value to our global customers in the IA (Industrial Automation) industry through expanding our services and contribute to enhancing their productivity.



■ **Background**

In general, sheet metal welding is often used as a substitute for cutting and has an advantage over sheet metal bending in that it can weld parts of different thicknesses. On the other hand, the disadvantage of welding is that it takes a long time to procure*¹ because manual welding is still prevalent even today.

In response to requests from many customers, meviy launched sheet metal welding*² service in November 2023. Since then, we have received a lot of positive feedback, such as "Delivery time is reliable and procurement can be done faster than before" and "Welded multi-part products can be easily procured, saving man-hours of assembly time."

This time, by further restructuring our IT system and production system, we achieve to auto quote sheet metal welding for different plate thicknesses and expand the target shapes of auto quoting by about 30%.

This enables the procurement of welded parts with different plate thicknesses, which were previously not supported for auto quoting, with a shorter delivery lead time. In addition, the ability to run a batch auto quote without having to account for variations in plate thickness reduces the man-hours required for

procurement.

1 More than 30% of customers reported that it takes more than two weeks to procure welded parts. (Based on a customer survey conducted by MISUMI Group Inc.)

2 Press release "meviy Launches Sheet Metal Welding Service" (November 6, 2023)

https://www.misumi.co.jp/english/assets/doc/ir/news/news_231106.pdf

■ Service Overview

Service Release Date: January 29, 2024

New Service Added: Auto quote for welding of different plate thicknesses

Supported Types: Fabrication and welding of sheet metal parts including parts with different plate thicknesses

(Currently, only multi-solid models*3 are supported; integrated models will be supported in the future.)

Supported Materials: Steel, stainless steel, aluminum, various surface treatments

(Only combinations of materials in the same line are supported.)

Number of Plate Thicknesses Supported: Up to 3 different thicknesses in the same model

Welding type: Arc welding or laser welding (Auto setting is available), various welding methods including continuous welding, intermittent welding, spot welding

Finishing: Weld descaling only. Grinder finish

Delivery time: Ship as early as day 7 after order receipt

3 A CAD model that consists of separate solids for each component part.

For other details, please refer to the new product information page for different plate thicknesses below (in Japanese.)

<https://jp.meviy.misumi-ec.com/info/ja/news/new-release/41521/>

For more information on sheet metal welding services, please refer to the following.

▼ meviy Service Website Information (in Japanese)

<https://jp.meviy.misumi-ec.com/info/ja/archives/40150/>

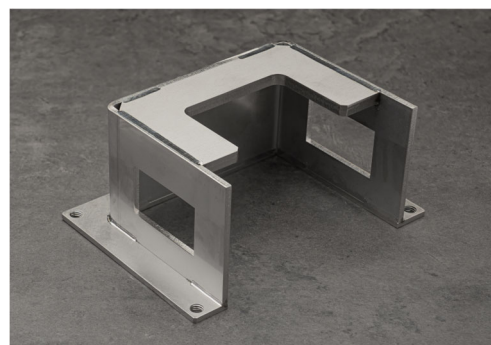
▼ meviy service site information technical information (in Japanese)

https://jp.meviy.misumi-ec.com/help/ja/technical_info/swd/

Production Example 1: Angle plate



Production Example 2: Cover



▼ Screen shot from service page, meviy

お問い合わせ番号
 材質 SPCC(SPHC) + SS400
 表面処理 なし

溶接情報
 溶接種類 アーク溶接
 溶接方法 連続溶接
 溶接方向 片側(体表面側)
 溶接仕上げ 焼け取りのみ

パーツ	材質	外形寸法
001	SPCC(SPHC)	(x) 60 mm (y) 19.22 mm (z) 4.5 mm
002	SS400	(x) 60 mm (y) 50 mm (z) 9 mm
003	SS400	(x) 60 mm (y) 60 mm (z) 9 mm

溶接部はグラインダー加工による焼け取り仕上げ（製段外形部に落ちる）
 溶接仕上げ種類と各材質での外觀状態は技術情報ページ参照

■ About meviy

With meviy, customers simply upload a 3D model of a mechanical component, the AI automatically provides an instant quote, and our unique Digital Manufacturing System enables an order to be shipped in one day at the earliest.

meviy is a platform that eliminates perceived inefficiencies in parts procurement by reducing the time customers traditionally spend procuring mechanical components by more than 90%.

meviy received the Prime Minister's Prize at the Ninth Monodzukuri Nippon Grand Awards, achieved the No. 1 market share in Japan for three consecutive years, and is highly regarded for its contributions to improving productivity in the manufacturing industry. For our global customers, the range of services on each meviy website is expanding. meviy delivers "time value" to customers worldwide through digital transformation in component procurement.

meviy website: <https://meviy.misumi-ec.com/>

Customer Testimonials: https://jp.meviy.misumi-ec.com/info/ja/archives/category/case/user_case/

meviy

**Through Manufacturing DX,
Generate customer's "Time value."**

Global Customers

Front End Innovation
AI Automated Quotation

Back End Innovation
Digital Manufacturing

Upload 3D CAD models
 Instant price and delivery quotes
 Minimum 1-day shipping

Generate machining programs automatically

Provided by YAMAZAKI MAZAK CORPORATION

■ About MISUMI

MISUMI sells mechanical components required on-site for factory automation, as well as tools, consumables, and other products to more than 320,000 companies*⁴ worldwide. We wear two hats: a manufacturer with manufacturing functions and a distributor of other company's branded products. With this unique business model, supported by a solid business base, MISUMI achieves "globally reliable, quick delivery" for greater customer convenience. (*⁴ As of March 2023)

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MISUMI Group Inc.