NEWS RELEASE

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AIDA ENGINEERING, LTD.
Representative Director and President
Toshihiko Suzuki

AIDA Receives the Ministry of Economy, Trade and Industry's Manufacturing Industries Bureau Director-General's Award

We are pleased to announce that the AIDA DPH Former—developed as a dedicated machine for forming rectangular storage battery cases—has received the "Ministry of Economy, Trade and Industry's Manufacturing Industries Bureau Director-General's Award" at the 2026 "42nd Annual Materials Process Technology Center Awards." The award states that it was awarded for "the development of a forming machine with an assisted draw-forming mechanism for rectangular aluminum products."



The Awards Ceremony



The Award Plaque

The Materials Process Technology Center Awards recognize technologies and developers that have made significant contributions to the advancement and development of Japan's industrial technologies through the development of outstanding material processing technologies.

The horizontal DPH Former that received this award was developed based on a new concept designed to eliminate the noise, vibration, and high energy consumption associated with press metalforming. By utilizing the assisted draw-forming mechanism, processes such as punching, drawing, and the forming of flanges on the sides of the workpiece can be completed during a single stroke, which significantly reduces the required number of forming stages and enables the usage of a forming machine with a smaller capacity when compared to conventional press metalforming. This development resulted in the achievement of a compact, highly eco-friendly forming machine that has been recognized as an outstanding materials process technology, enabling a 70% reduction in power consumption during forming, a 50% reduction in metalworking lubricant usage, a 62% reduction in the installation footprint, and a 65% reduction in machine weight.

This is the fourth award AIDA has received for this product, following on the heels of the 68th Annual "Ten Greatest New Product of 2025" Award (Nikkan Kogyo Shimbun), the "2026 Japan Society for Technology of Plasticity Award" (Japan Society for Technology of Plasticity), and the 56th Annual "IDEA Machine Industrial Design Award" (Nikkan Kogyo Shimbun).
As a forming systems builder, AIDA will continue to take on the challenge of developing environmentally friendly, value-creating forming technologies.

< Inquiries Relating to This Subject >
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