Our History

A Future Tied to a History of Technological Development

For over a century, as a leading company in the metalforming systems field, AIDA has been pursuing the development of a wide array of methods to develop and build presses and other forming systems. While facing changing times and changing societal issues, we have continued to grow by capitalizing on our unique technological capabilities to embrace the challenge of creating new value. We will continue to contribute "to people and community" as a forming systems builder.

1917-

Our Founding & the Establishment of Our Technological Foundation

Animated by a spirit of ingenuity and a bold vision of manufacturing, founder Yokei Aida established AIDA Ironworks to manufacture world-class presses that would surpass those made in Europe and the United States.

At a time when the vast majority of presses in Japan were imported, the Company created many of Japan's first presses, helping to raise the level of technology and aiding in the country's industrial development.

1933

The first AIDA Press Made in Japan: A 400-ton Toggle Drawing Press

Contributed to the development of Japanese industry by supplying presses to the automotive and home appliance industries, etc.

1953

500-ton Forging Press

Delivered to (then) Japan National Railways to support postwar reconstruction and recovery

1956

200-ton High-Speed Automatic Press

Successfully developed the first domestic high-speed press at the request of the Ministry of International Trade and Industry Despite being a large press, the bed, table, and frame guides all achieve high-accuracy parallelism and straightness within 0.02 mm per 1.5 - 2 m.

Received the Akashi Award from the Japan Society for Precision Machinery

1960

Technological Innovations & the Mechatronics Era

The Company built a robust business infrastructure by rolling out advanced technologies from overseas and modernizing and upgrading its production facilities. It also began crafting a strategy for overseas expansion with an eye on localized production as it aimed to become a manufacturer of world-class technologies.

AIDA offered solutions to issues such as the need for higher tonnages, higher speeds, and better utilization rates. This dramatically expanded the production capacity of Japan's automotive and home appliance industries, helping to bolster the country's international competitiveness.

1967

A 2,500-ton Transfer Press, Among the World's Largest class (at the time)

Developed technologies that greatly exceeded the targets of the Ministry of International Trade and Industry's technology promotion plan Achieved world-leading high-speed performance of 15-26 strokes / minute with nine forming stages

Received the 10th Annual Ten Greatest New Products Award sponsored by Nikkan Kogyo Shimbun

1968

Japan's first industrial robot-the "Auto-Hand"

Created leading-edge technologies to automate and mechanize dangerous and repetitive tasks

1977

Mark IV Transfer Press Stamping Center System (3D-Transfer)

Developed the world's first automated press forming system, equipped with digital controls

Received the Japan Society of Mechanical Engineers Award

1990-

Becoming a Truly Global Company Through Increasingly Sophisticated Technology

Even in the midst of the severe economic downturn caused by the collapse of Japan's bubble economy, the Company continued striving to develop even more advanced technologies. It reorganized and integrated its production factories, actively made inroads overseas, and strengthened its business foundation with the aim of becoming a truly global company.

It created groundbreaking production technologies, including independe developed servo presses that opened a new chapter in the history of metalforming technology and a high-precision forming press more accurate than the die.

2002

The World's First Direct-Drive Servo Press

The Company independently developed a large-capacity servo motor with the optimal low speed and high torque required for press metalforming Flexible motion controls that handle high tensile steels, aluminum, and other difficult-to-form materials

🔘 Received the 45th Annual Ten Greatest New Products Award sponsored by Nikkan Kogyo Shimbun

2004

The UL Series of Precision Forming Presses That Achieve High-Precision Processing

The high rigidity and dynamic accuracy result in a final product shape that does not require any post-forming finishing processes

Received the 47th Annual Ten Greatest New Products Award sponsored by Nikkan Kogyo Shimbun

2009

High-Speed Servo Tandem Line for Automotive Body Panels

Achieved the world's highest speed (at the time) of 18 strokes per minute Enabled the deep draw-forming of highly contoured parts as well as high productivity

Received the Chairman's Award at the 25th Annual Sokeizai Industry Technology Awards hosted by the Sokeizai Center

AIDA

AIDA

DSF-NH500

2010-

Becoming a Growing Company by Addressing Societal Issues

The company is harnessing its presses to address societal issues as it continues to respond to the needs of this new era, including measures to combat global warming, achieve a carbon-neutral society, and enable the digital transformation of production sites.

By independently developing and producing not only presses but also peripheral equipment, the Company is making even greater contributions to the automation and streamlining of production. We are developing models that respond to the needs of a new era and contribute to society.

2016

The D-MAT Press-to-Press Transfer System

Delivers a high degree of conveyance flexibility, enabling even the stable conveyance of blanks with complex shapes

DSF-N1-A Series Direct Servo Formers

A new design that dispels the bulky image of presses, achieving both mechanical performance and aesthetic appeal

Received the 2017 Good Design Award

2023

High-Speed Precision Press Line for Producing EV Drive Motor Cores

Delivers industry-leading productivity and is equipped with the latest DX (digital transformation) and AI technologies



2 Received the 66th Annual Ten Greatest New Products Award sponsored ov Nikkan Kogyo Shimbun