

A History of Creating Value in Tandem with Society

AIDA's story began in 1917 with the founding of AIDA Ironworks in Honjo, Tokyo by Yokei Aida. For over a century, AIDA has facilitated enterprise value gains for customers and helped address societal issues by developing and supplying competitive presses, forming systems, and Service in response to the needs of society and changing business environments. AIDA is still focused on leveraging its proprietary technologies and development capabilities to support manufacturing industries in creating original products and value, thereby supporting people's lifestyles and social development.

Historical Context

1900s–1960s

Living Standards Lifted by Modernization and Rapid Economic Growth

- The Russo-Japanese War, WWI, WWII
- The Great Kanto Earthquake
- The first electric consumer appliances

1970s–1990s

Automation, Globalization, and the Birth of IT

- Increasingly fierce global competition
- Japan's auto production jumps to No. 1 in the world

2000–

Growing Public Attention to Environmental Issues

- International climate change initiatives
- Popularization of hybrids and other eco-friendly vehicles
- Kyoto Protocol goes into effect at the Climate Change Convention (COP3)

2010–

Environmental/DX Initiatives to Achieve a Sustainable Society

- Adoption of SDGs at a United Nations Summit
- The Work Style Reform Act (Japan)
- Demographic trends in advanced nations lead to aging societies with fewer workers

Created Value

At a time when most presses in Japan were imported, AIDA helped boost the nation's technology and industrial development by pioneering the manufacturing of many 'first in Japan' presses.

- Aided post-war infrastructure reconstruction
- Helped industry meet rising demand for home appliances due to rapid economic growth
- Supported growth of car production in Japan

AIDA's press solutions enabled greater, faster, and more efficient production, helping Japan's automotive and home appliance industries increase their capacities dramatically while contributing to their international competitiveness.

- Promoted production automation and efficiency as exports expanded
- Supported the evolution of production technologies for electrical machinery and electronics
- Contributed to the creation of more sophisticated automobiles

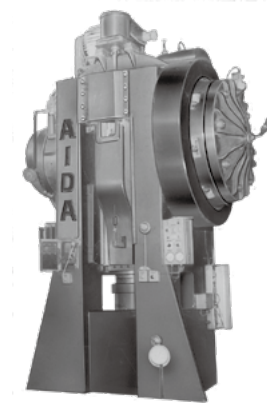
AIDA developed groundbreaking production technologies, including servo presses, to usher in a new chapter in metalforming technology and high-precision presses that enabled a shift from machining processes to other methods.

- Helped automakers manufacture safer and more eco-friendly vehicles
- Promoting optimized production via our global network of five bases

AIDA's development of proprietary forming systems around presses continues to support further production automation and efficiency. Our new models serve today's needs and address societal issues. We have also started using DX and AI-based production support tools.

- Contributing to a lower environmental impact at customer production sites and in society as a whole
- Supplying DX-driven solutions for increasing automation and reducing labor

The Social Significance of Presses



1953

500-Ton Forging Press

Delivered to the former Japan National Railways to meet infrastructure demand during postwar reconstruction

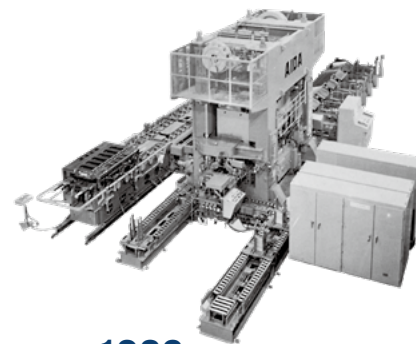
1960

Japan's First Fully Automatic 300-Ton Press

Composed of 6 transfer presses, this helped to kickstart Japan's auto industry



◀ Automotive Components



1977

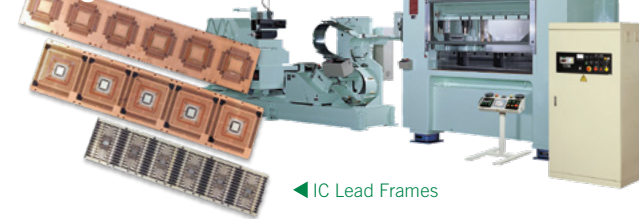
Mark IV Stamping Center System (3D-Transfer)

The world's first stamping center with a digitally controlled transfer press significantly raised the potential capacity utilization for diversified small lot automated production lines

1986

HMX Series High-Speed Precision Automatic Presses

Achieved rapid high-precision production for IC lead frames and other components vital to the fast-evolving home appliance sector



◀ IC Lead Frames

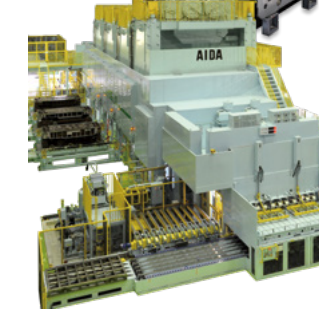


2002

The World's First Direct-Drive Servo Press

Achieved a direct-drive mechanism where the motor is directly connected to the main gear without a reducer, thereby enabling high torque at low speeds, leading to better formability as well as better productivity, operability, and energy savings

◀ A Servo Motor Developed & Made In-House



2009

5,700-Ton Large Servo Tandem Line

Direct-drive servo presses with motion controls adapted for forming difficult-to-form high-tensile steels that allow the production of strong, lightweight body parts for more fuel-efficient vehicles



◀ Car Body Panel



2022

Integrated High-Speed Precision Press Line for Making EV Drivetrain Motor Cores

Supporting vehicle electrification via in-house development of high-speed precision presses and peripheral equipment for making the large motor cores essential for EVs

◀ EV Motor Core



2024

The BEX Series—Dedicated Presses for Forming Separators for Fuel Cell Bipolar Plates

Expected to contribute significantly to the use of hydrogen fuel cells as a next-generation energy source



◀ Metal Separator for Fuel Cells

Business Expansion and Product Development Milestones

- 1917 AIDA Ironworks founded by Yokei Aida
- 1948 High-speed notching press for motor production
- 1951 Japan's first crown cap automatic punching press
- 1954 Japan's first dedicated chain machine for fastener punching and insertion
- 1967 FT-2500: World's largest class (at that time) 2,500-ton transfer press

- 1972 A new series of stamping center systems with fully automated die and material changes
- 1972 First overseas subsidiary established in the United States
- 1984 PMX Series of high-speed link motion automatic presses
- 1985 TMX Series of transfer presses
- 1995 Production bases established in the United States and Malaysia

- 2003 Manufacturing base established in China
- 2003 MSP Series multi-suspension high-speed precision automatic presses
- 2004 Acquired a local company Italy as a production site to establish a total of 5 global production sites
- 2004 The UL Series of ultimate precision forming presses
- 2008 2,300-ton large servo press (the world's largest class at the time)

- 2016 D-MAT Press-to-Press Transfer Feeder
- 2016 DSF-P4-27000—World's fastest class large progressive servo press
- 2017 Acquired REJ Co., Ltd. as a subsidiary to boost our production robot/automation capabilities
- 2024 MSP-4000-430 wide-area high-speed precision press for making EV components
- 2024 AIDA Ai CARE Data Analytics System launched as a DX support service