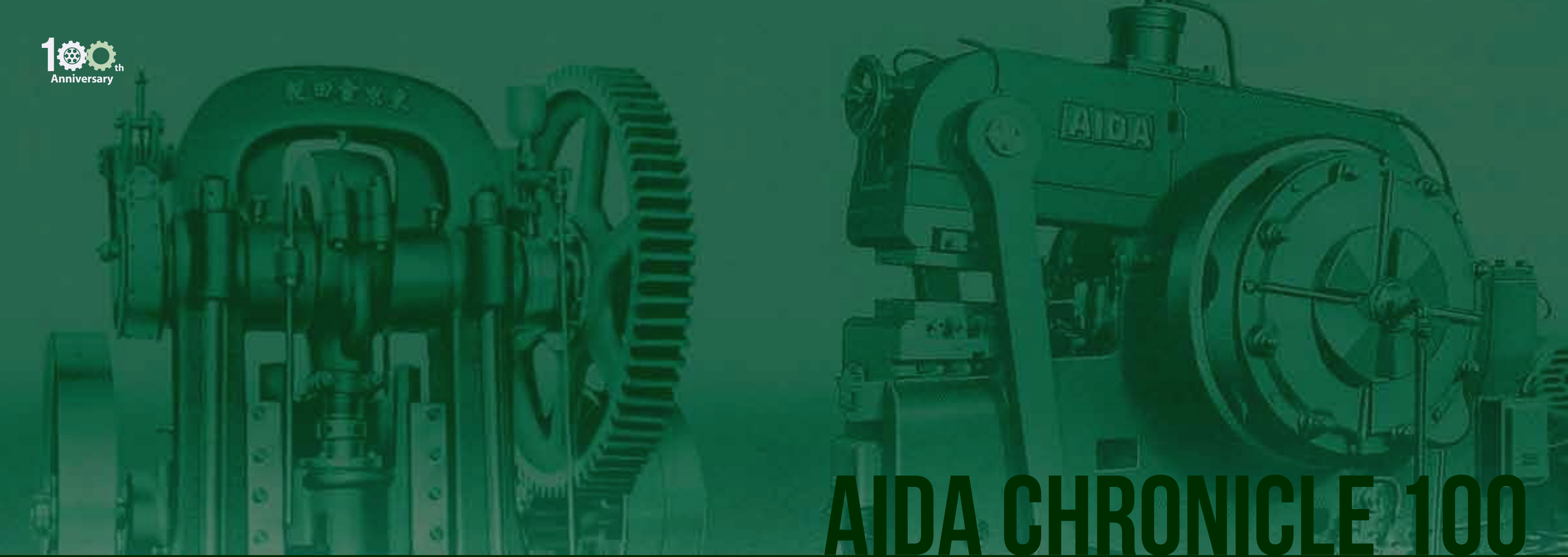



# AIDA CHRONICLE 100

## 1917-2017

100 years of AIDA ENGINEERING history viewed in the pictures

AIDA ENGINEERING, LTD.

AIDA

# AIDA CHRONICLE 100
## 1917-2017

## On celebrating 100th anniversary

History of AIDA ENGINEERING, Ltd. started in 1917 (Taisho 6) Yokei Aida founded AIDA Iron Works in Futaba-cho, Honjo, Tokyo.  A hundred years since then, having been committed to "forming" and aiming to be a leading company in the forming field related to plastic working, we have been working on various forming systems, including presses, automatic devices, industrial robots, and process method development, etc.  In addition, since the 1970s, we have actively promoted global development and now we have grown into a global company that operates manufacturing bases in five poles of the world (Japan, China, Malaysia, America, and Italy).

When looking back on the first century to the present day, the company policy the founder of the company set, "We strive to make better and less expensive products with passion for the society" have been inherited ceaselessly to the present corporate philosophy.  From now on also, we will be a company that grows and develops globally as a "forming systems builder" and continue its contribution to people and community.

CEO and President

Kimikazu Aida



# AIDA CHRONICLE 100

100 years of AIDA ENGINEERING  history as seen in the pictures

## 1917-2017

The 100-year history of AIDA ENGINEERING starting with the establishment of AIDA Ironworks can broadly be divided into three stages of "Growth period," "Development & expansion period" and "Global strategy period".  These periods overlap with the periods in which managements from the first to the third generation spearheaded our company.  Now we are introducing the history of 100 years of three generations mainly by the pictures at old times.

### 1917→1958

Growth period

**Lay the foundation of "AIDA of technology"**

### 1959→1991

Development & expansion period

**Strengthen management foundation**

### 1992→2017→

Global strategy period

**Global strategy period**

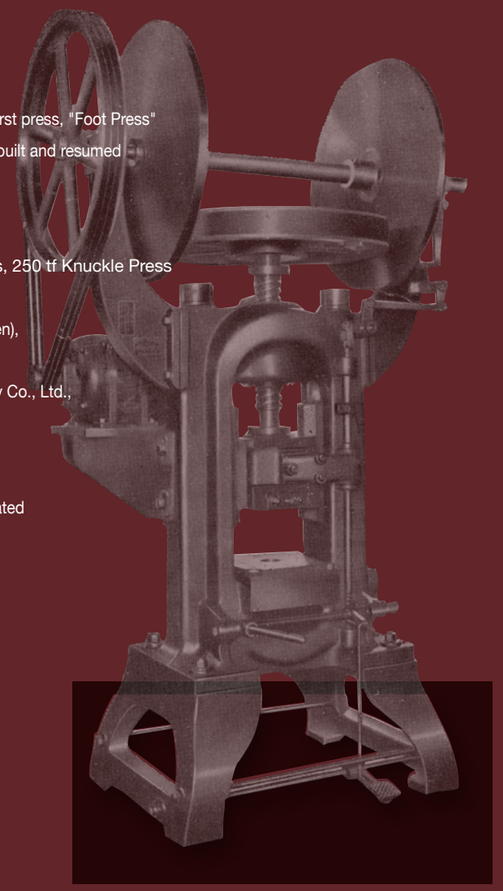
Growing period

# 1917→1958

## Lay the foundation of "AIDA of Technology"

Founder, Yokei AIDA was born in 1889 (Meiji 22) in Honjo Matsuzaka-cho (present Sumida Ward 3-chome), Tokyo. Yokei started working as a living apprentice at an ironworks factory in Honjo when he was ten years old after his parents passed away. It was in spring of 1917 (Taisho 6) when he finally founded AIDA Iron Works on his own after a tough apprenticeship period. After that, AIDA Ironworks grew steadily, but he suffered twice during his lifetime from disasters that took away everything he owned. The first was the Great Kanto Earthquake in 1923, and the second was a disaster due to the war of the Great Tokyo Air Raids in 1945. At both cases, all of the factories have been reduced to ashes, but Yokei immediately started rebuilding the plant without fear and showed an astonishing work in resuming the plant in a flash. After the war, he organized several factories and lands, and concentrated, and expanded manufacturing bases in the Kameido Plant, reorganized the R&D system, and pushed the modernization program. Yokei, who laid the foundation of "AIDA of Technology", possessed an indominable spirit that stands up to any adversity.

Founder
Yokei Aida



1917 AIDA Ironworks, founded at 49 Kitafutaba Cho, Honjo AIDA's first press, "Foot Press"
1923 The Plant was burned down by Great Kanto Earthquake, but rebuilt and resumed operation immediately
1925 Hit product "Punching Press" after the earthquake
1932 Drum Making M/C(Beading machine & Double Seamer)
1933 First Cruiser Kitchen Cooking Machine, Toggle Drawing Press, 250 tf Knuckle Press
1935 Swaging machine for forging deformed pipes
1937 Reorganized into AIDA Iron Works Co., Ltd. (Capital: 200,000 yen),
250 tf press for cartridges(Tokyo Army First Mint plant)
1940 Established a limited partnership company AIDA Press Industry Co., Ltd., a contract stamping company.
1943 Received designation of Ministry of Munitions managed factory
1945 Four factories were reduced to ashes by Great Tokyo Air Raid
Evacuated AIDA Press Industry to Tochigi prefecture, and operated
1951 Completed Japan's 1st Crown Cap Punching Automatic Press
1956 Completed Japan's 1st 200 tf high speed automatic press
1958 New Company Building completed in Kameido



Domestic and world affairs

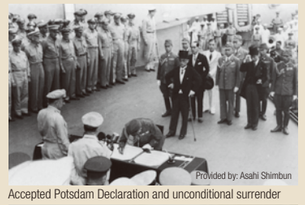
Treaty of Versailles signing ceremony

The Great Kanto Earthquake Provided by: Asahi Shimbun

The Great Depression.

The airship "Earl of Zeppelin" round-the-world flight succeed

2.26 Incident



Provided by: Asahi Shimbun
Accepted Potsdam Declaration and unconditional surrender

The 1st Tokyo Motor Show held Provided by Japan Automobile Manufactures' Association

1917 Russia October Revolution · The world's first socialist regime born
1918 Rice Riot happens
First World War ends
1919 Treaty of Versailles signed
Frequent occurrence of labor dispute
1920 League of Nations foundation (The japan is a permanent member)
1921 A. Hitler becomes a party leader on of Nazis
Italy Fascist Party formation
1922 Washington (Disarmament) Conference and Anglo-Japanese alliance abrogation
Union of Soviet Socialist Republics unification
1923 The Great Kanto Earthquake
1925 The Public Security Preservation Laws enacts and promulgation
Locarno European Security Treaty enacted
1926 Emperor Taishou dies and Emperor Showa enthronement
Germany-Russia Friendship Neutrality Treaty) (Berlin treaty) signed
1927 Lindberg, the first solo Trans-Atlantic Ocean non-stop flight
1928 Zhang Zuolin bomb kiling incident
Antiwar Treaty
1929 The airship "Earl of Zeppelin" round-the-world flight. Also flew to Japan
The great depression
1931 Liutiaohu Incident , Manchurian Incident
Haneda Airport (Tokyo Airport) opens
1932 Shanghai Incident
Manchuria Foundation Declaration
The 1st Venezia International Film Festival held
1933 Withdrawal from League of Nations
Birth of Crown Prince (present emperor)
1934 Hitler becomes the Fuhrer of Germany
1936 2.26 Incidence
Italy anxieties Ethiopia.
1937 Marco Polo Bridge Incident, Sino-Japan War break out
1938 National General Mobilization Law
Munich Conference (4 countries, Germany-Britain- France- Italy)
1939 The aircraft Nippon Go, round-the-world flight success
Germany-Russia Non-aggression Treaty
The second World War break out
1940 Japan-Germany-Italy Alliance conclusion
Imperial Rule Assistance Association inauguration
1941 The food ration coupon system starts
The Pearl Harbor attack and the Pacific War outbreak
1943 Italy, unconditional surrender
1944 Allied Forces Normandy landing operation
1945 Germany, unconditional surrender
Atomic bombs dropped on Hiroshima and Nagasaki
Accepts Potsdam Declaration, unconditional surrender
The United Nations established
1946 Emperor Humanity Declaration
Constitution of Japan promulgation
1948 Gandhi assassination
The 1st Middle East War, the Israeli Republic founding declaration
Universal Declaration of Human Rights
1949 North Atlantic Treaty Organization (NATO) sign
The People's Republic of China established
Hideki Yukawa awarded Nobel Prize
1950 Korean War outbreak
1951 San Francisco Peace Treaty, Japan-US Security Treaty signed
Rejoined UNESCO and International Labor Organization (ILO)
1953 The first Television normal broadcasting (NHK Tokyo Television) starts
Queen Elizabeth coronation
Korean War armistice agreement signed
1954 Hydrogen bomb test at Bikini Atoll and the Fifth Fukuryu-maru exposes
The 1st Tokyo Motor Show holds
1955 Morinaga Arsenic Milk Poisoning Incident
Warsaw Treaty Organization
1956 Japan-Soviet Joint Declaration signed, Japan-Soviet diplomatic relations recovers
The Second Middle East War (Suez war) outbreak
Joined the United Nations
1957 First-ever space satellite "Sputnik 1" launch
1958 European Economy Community(EEC= later EC) inaugurate
The 3rd Asian Games held in Tokyo

# 1917→32 (Taisho 6～Showa 7)

From Taisho to Showa era, a turbulent period

## Survive the hardship with ingenuity and indomitable spirit

The business of AIDA during the foundation period was a contract machining of parts. It was the next year when the full-scale press manufacturing business started. Afterwards, AIDA grew steadily but the Great Kanto Earthquake of 1923 completely burned down the own factory. However, Yokei started the reconstruction of the plant two weeks after the earthquake and got over the adversity with indomitable spirit, and put AIDA back on the growth track again.

Ishihara Plant (1921)


Foot press (Kick press)


Hand Screw press

Shop floor scenery (around 1925)

Company trip To Enoshima .(around 1931)

**Equipment and workforce of AIDA Ironworks in 1926** (Taisho 15/Showa 1)

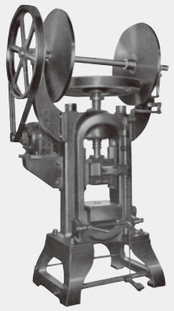
12-foot Lathe: 1 unit
10-foot Lathe: 1 unit
8-foot Lathe: 1 unit
6-foot Lathe: 3 unit
4-foot Lathe: 1 unit
4-foot Planer: 1 unit
8-foot Planer: 1 unit
Drilling machine: 3 units
Shaper: 3 units
Employee: 35 (including 3 design engineers)
Annual output: 120,000 yen

Commodity prices in 1926 were: large bottle of bear 42 sen, soba noodles 10 sen, rice 3 yen 20 sen, starting salary of government worker 75 yen… having a big difference depending on comparing items but using the government worker's starting salary as a basis, the sales amount of AIDA at that year would have been about 300 million yen at today's value.

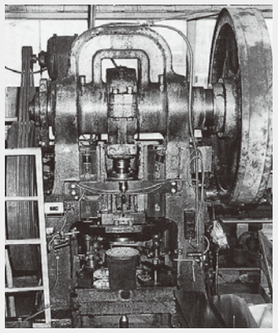
### New development with original idea

The hit product Punching Press created by Yokei's original idea was an excellent press having both rigidity of the friction press and the operability of the power press. Afterwards, the other companies also followed but AIDA was unrivaled in terms of the quality and reliability of the machine (1925).

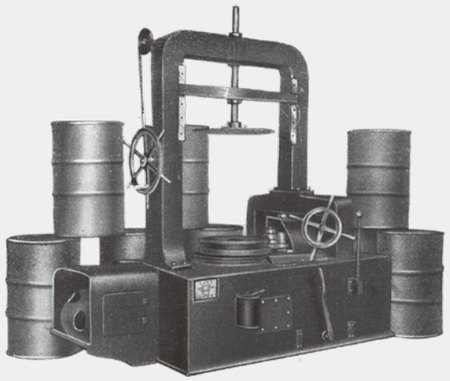
Belt drive power press



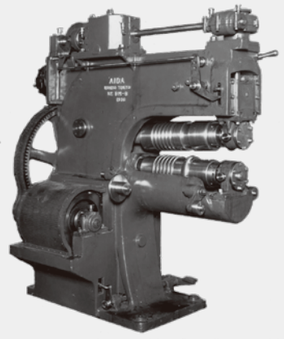
High rigidity friction press



Big hit Punching Press



Drum manufacturing machine (double seamer)



Drum manufacturing machine (beading machine)

### Contribution to achievement of the Japan's first drum manufacturing plant

All the equipment of a drum manufacturing plant at the beginning of Showa era were expensive overseas products. Yokei achieved commercialization at the price of 1/6 of the imported machines, and received high acclaim though he had hardship in developing the machine.

**1917** (Taisho 6)
AIDA Ironworks established

**1918**
Foot press, Friction press

**1919**
Adopted Rolling Key Clutch on a press for the first time in Japan

**1920**
Power press

**1921**

**1922**

**1923**
Plant buildings burned down by the Great Kanto Earthquake but reconstructed immediately.

**1924**

**1925**
A hit product after the great earthquake (punching press)
Plant extended to around 264 ㎡

**1926** (Showa 1)
35 employees

**1927**

**1928**

**1929**

**1930**

**1931**
AIDA's first large-scale press, 500 tf straight side press

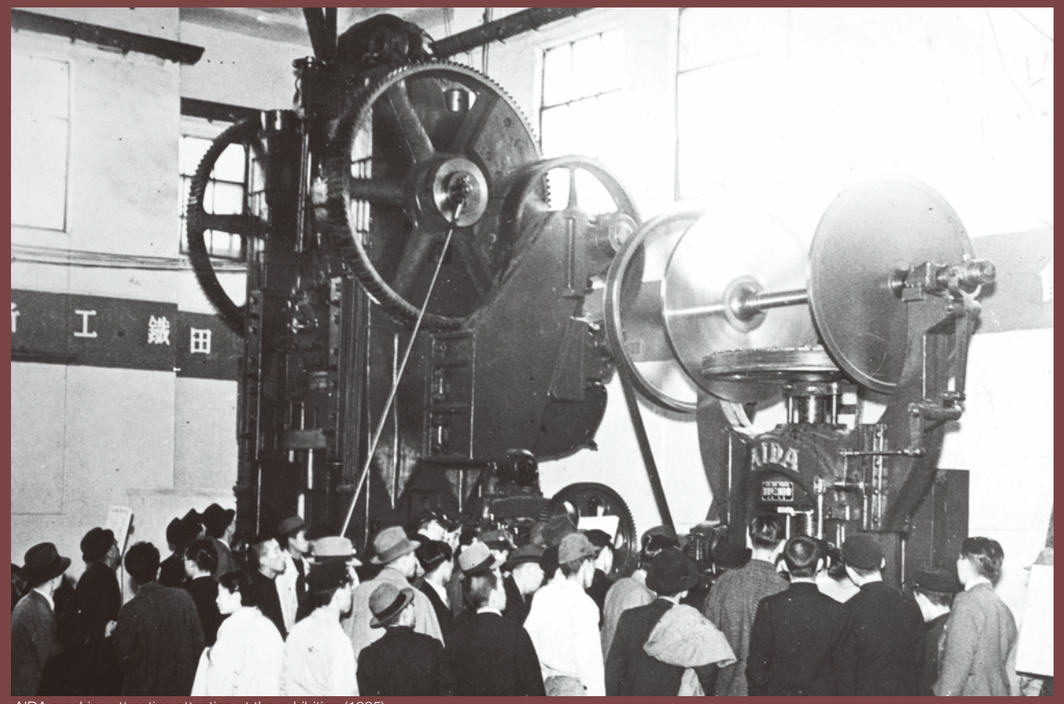
**1932** (Showa 7)
Drum manufacturing machines (beading machine)

# 1933→45 (Showa 8~Showa 20)

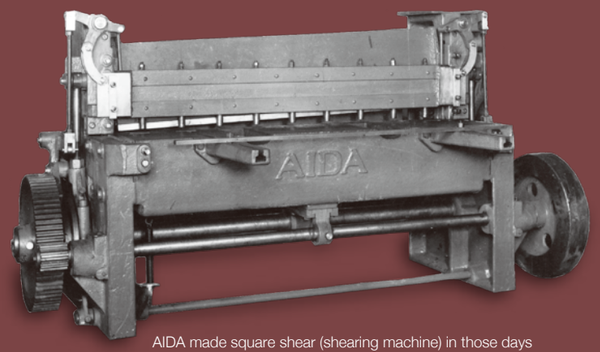
**Under the wartime regime, a steady growth period due to military demands**

## Is the economy booming under recession? Grew to a group company with 600 employees

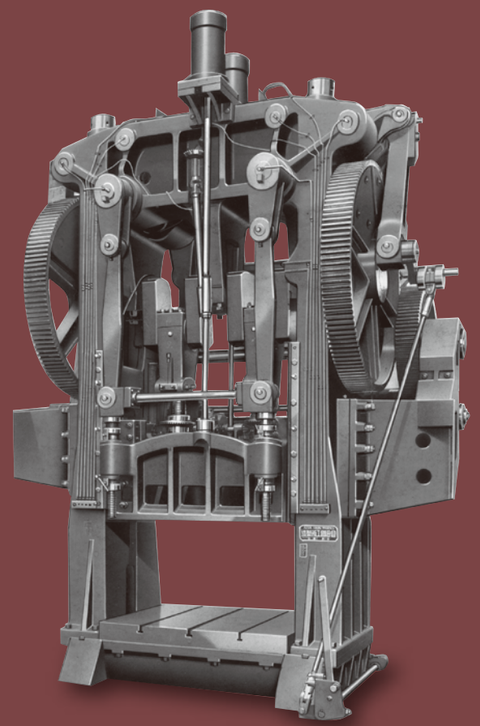
In the early Showa period, the storm of recession was blowing due to the influence of the Great Depression, but AIDA Ironworks was booming like overtime every day. Furthermore, since 1935, when we started running toward the war, work related to munitions was rapidly increasing, and at the end of the war, we had grown into a corporate group where 600 employees working in a total of four plants.



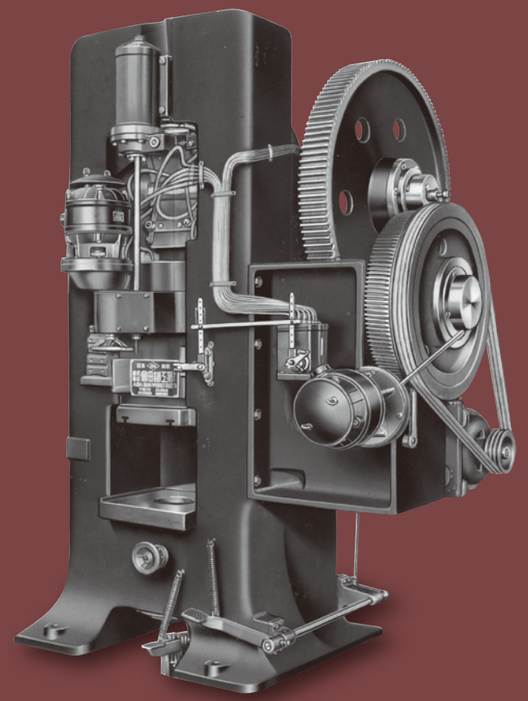

AIDA machine attracting attention at the exhibition (1935)




AIDA made square shear (shearing machine) in those days



400 tf Toggle Drawing Press delivered to Toyota Motor Corporation (1933)



250 tf Knuckle Joint Press (1933)

### AIDA's magnificent appearance immediately before the end of war

AIDA's facilities and staff at that time in 1944 were 405 employees, including the Onagigawa Plant and Kameido Plant, 70 machines, and the annual production number was 98. In addition, Approximately 100 employees worked respectively at the AIDA Press Industrial Co. which was a specialized factory making gas masks and Oshima Casting in Oshima which obtained the management rights in 1942. The photo on the left is the president, Yokei at the Onagigawa Plant completed that year. The right is the Koto district destroyed by the Tokyo Great Air Raid in March 1945. All four AIDA factories including the newly completed Onagigawa Plant were reduced to ashes.

**1933** (Showa 8) **1934**

250 tf Knuckle Joint Press

Toggle drawing press for kitchen cooking machine for first class battlecruiser

**1935** **1936**

Swaging machine for forging deformed pipes

**1937** **1938** **1939**

Reorganized as AIDA Iron Works Co., Ltd. (Capital: 200,000 yen)

250 tf press for cartridges (Tokyo Army First Arsenal Factory)

**1940**

A limited partnership company, AIDA Press Industry Co., Ltd. Established

**1941** **1942**

President Yokei, becomes a director of the Japan National Forging Machinery Industry Association

**1943** **1944**

Receive designation of Ministry of Munitions managed factory

**1945** (Showa 20)

All four AIDA plants were reduced to ashes by the Tokyo Great Air Raid.

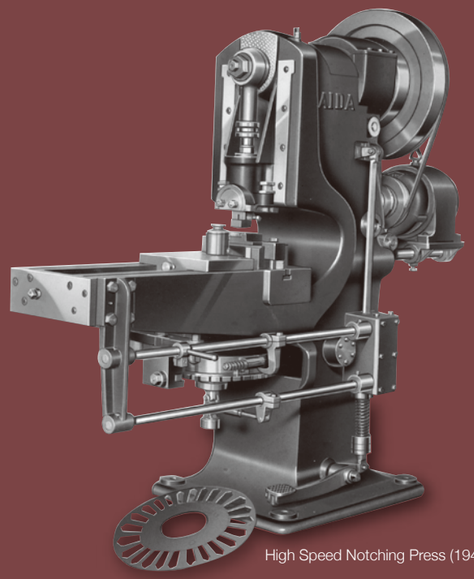
Evacuated AIDA Press Industrial Co. to Tochigi Prefecture, and operated

# 1946→58 (Showa 21~Showa 33)

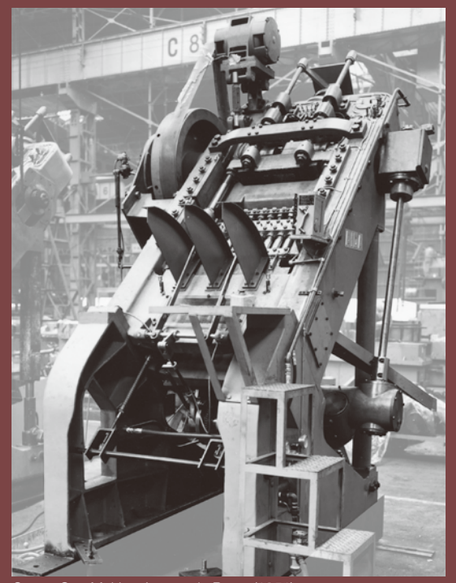
Re-start from ashes, reconstruction after the war and restoration period

## Efforts to continue R&D in the post-war chaos period war rewarded

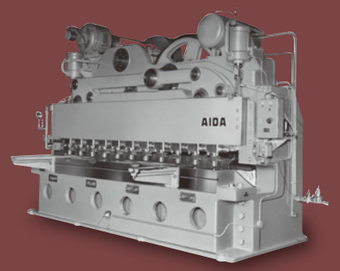
Taking advantage of the special demands from the Korean War in 1950-53 (Showa 25 - 28), Japan gradually overcame post-war confusions and depression. AIDA got on the expansion track after spending its patient endurance continuing its R&D during the reconstruction and restoration periods. In 1952, AIDA's production capacity and sales amount had exceeded that of the prewar levels.



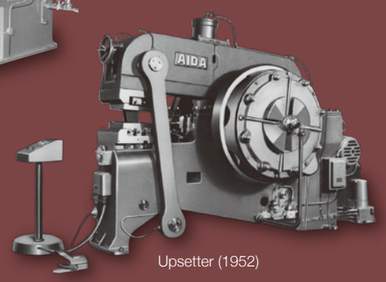

High Speed Notching Press (1948)



Crown Cap Making Automatic Press (1951)

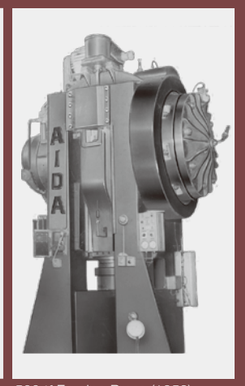



Crank Lever Shear (1941)

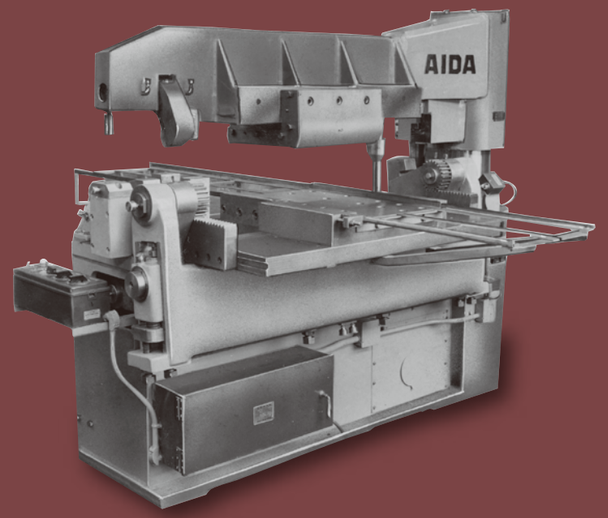



Upsetter (1952)

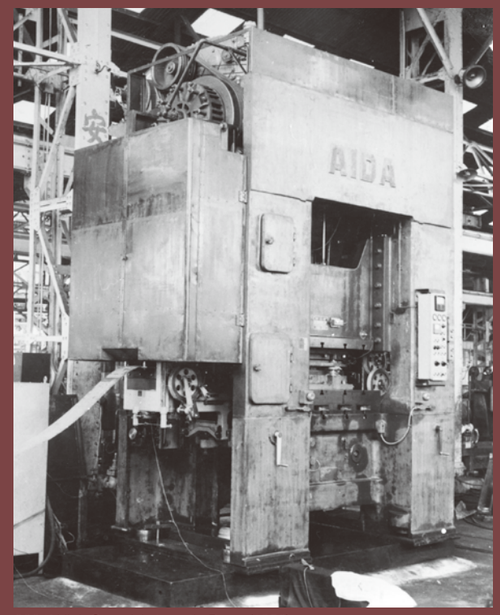
Hop Crusher for bear (1952)



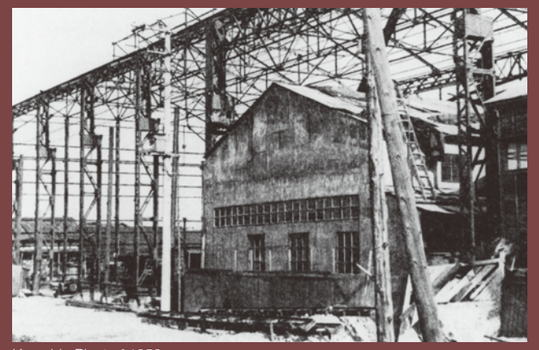

500 tf Forging Press (1953)



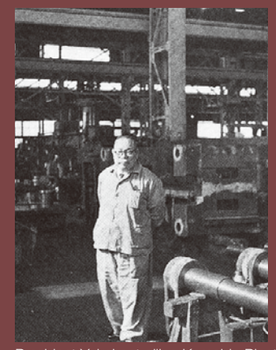

Tangent Bender (1954)




200 tf High Speed Automatic Press (1956)



Kameido Plant of 1952



President Yokei patrolling Kameido Plant (1956)

### New office building completed

In 1958, a new office building of 733 m² was completed, three story reinforced concrete structure in Kameido Plant premises.

President Yokei at the new building inauguration ceremony

The ceremony commemorating the 41st anniversary of founding held the same year

**1946** (Showa 21)
- Head office factory restoration completed

**1947**
- Kanto Forming Machinery Association established

**1948**
- AIDA Employees Union launched
- Japan Forming Machinery Society (now Japan Forming Machinery Association) established, President Yokei assumed it as the first chairman

**1949**

**1950**

**1951**
- Japan's first Crown Cap Making Automatic Press launched

**1952**

**1953**

**1954**
- Chain machine for fastener nail punching and mounting

**1955**

**1956**
- Japan's first 200 tf high speed automatic press launched

**1957**

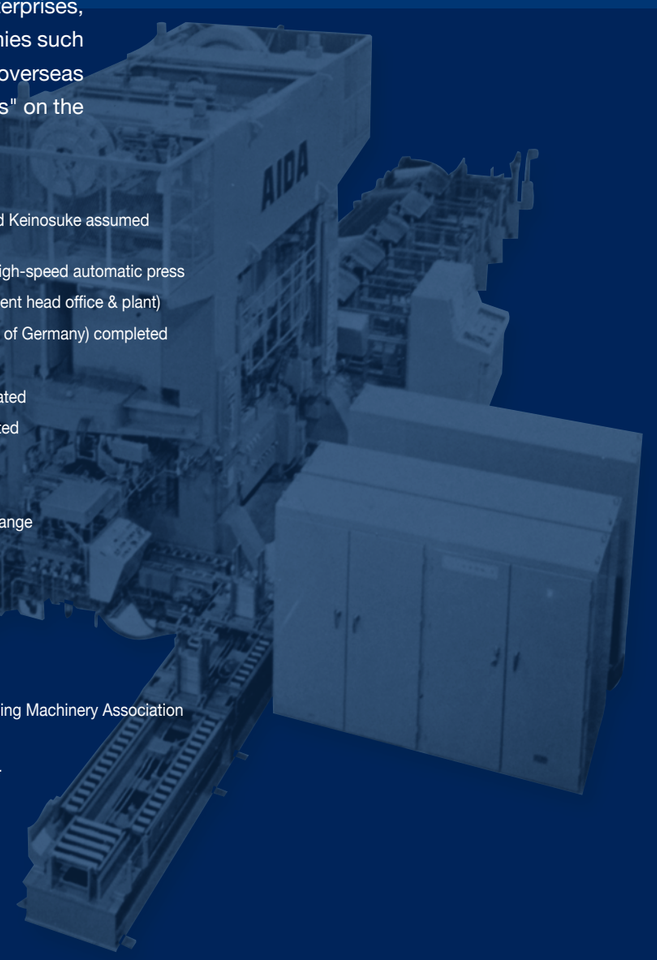
**1958** (Showa 33)
- New office building completed in Kameido

# 1959→1991

## Strengthen management foundation

Shortly after the new years holidays in 1959(Showa 34) the Founder Yokei died suddenly. At the time AIDA already expanded its scale to more than 200 employees. In the previous year, 1958, new construction of reinforced concrete office building had just been completed. In other words, the founder died in the middle of business expansion, but at the end of the same month a new management system of President Keinosuke and Senior Managing Director Sukenao AIDA started. While succeeding to "AIDA of technology" established by the founder, as soon as becoming president, Keisunosuke decided to relocate the Kameido plant, which became too small, to Sagamihara. In response to this, he worked to modernize and upgrade the production facilities, and strengthened the management foundation. In addition, Aida steadily pushed forward overseas expansion in order to respond to the turbulent global economy and changes in the business environment. At first, we had technical collaboration with overseas enterprises, sales organization, strengthening and upgrading sales offices, but as Japanese companies such as automobile manufacturers shift production bases overseas, we worked on overseas strategies with a view to future overseas production, and the existence of "AIDA of press" on the international stage had risen even more.

Keinosuke Aida




1959 President Yokei passed away due to myocardial infarction, and Keinosuke assumed the president
Received the Akashi Award by domestic production of large high-speed automatic press
Built new plant in Sagamihara city, Kanagawa prefecture (present head office & plant)
1960 First Japan made transfer press (by collaboration with Schuler of Germany) completed
1962 Listed on the second section of the Tokyo Stock Exchange
1964 Head office and Kameido plant moved to Sagamihara / Integrated
1967 The world's largest class (then) 2,500 tf transfer press completed
1968 Completed the first domestic industrial robot "Auto Hand"
1970 Company name changed to AIDA ENGINEERING, Ltd.
1971 Promoted to the first section of the Tokyo / Osaka Stock Exchange
1972 Established local corporation in the United States
1974 Cnstruction of new Tsukui plant
1977 Stamping Center System · Mark IV (3D transfer) completed
1980 President Keinosuke awarded the Medal with Blue Ribbon
Established Forming Technology Center
1983 President Keinosuke, inaugurated as Chairman of Japan Forming Machinery Association
1985 Local corporation established in Canada
1989 Completed Shimokuzawa Plant of Molding Technology Center
Local corporation established in Singapore
1990 Completed Technical Research Institute Building
1991 ASTEC Technical Support Center opened



Domestic and world affairs

Royal wedding of the prince(Present Emperor)

Tokaido Shinkansen started business operation


U.S. Spacecraft Apollo 11 succeeded in landing on the moon


Japan World Exposition held Provided by: Kyodo News


First oil shock Provided by: Yomiuri Shimbun

Signing of Japan-China Peace and Friendship Treaty


Tsukuba Science Expo held


Fall of Berlin Wall Provided by: Yomiuri Shimbun

1959 Cuba Revolution
Royal wedding of the prince(Present Emperor)
1960 Chile earthquake tsunami
Color television normal broadcasting started
1961 Kennedy inaugurates as President of the U.S.A.
The first human manned spacecraft (Soviet Union)
1962 First postwar domestic aircraft YS 11 first flight succeeds
1963 Japan-Soviet trade agreement signed
President Kennedy assassinated
President Johnson inaugurated
1964 Japan transitioned to IMF Article 8 nation, officially joining the OECD
Tokaido Shinkansen started business operation
The 18th Tokyo Olympic Games held
1965 U.S., Bombing North Vietnam started
Japan-Korea Basic Treaty signed
1966 The population of Japan exceeded 100 million
Chinese cultural revolution begins
1967 European Community (EC) established
Formation of Association of Southeast Asian Nations (ASEAN)
1968 Formation of Arab Petroleum Exporting Countries Organization (OAPEC)
Czechoslovakia 'Prague Spring', Czech incident
1969 The Tokyo University conflict, a mayhem at the Yasuda auditorium
U.S. Spacecraft Apollo 11 succeeded in landing on the moon
1970 Japan World Exposition held
JAL Fligh "Yodo" incident
1971 US announced dollar defense measures, Tokyo Stock Exchange shares crash
Yen transitioned to floating exchange rate system
1972 Sapporo Olympic Games held
Okinawa return
Watergate scandal
Normalization of diplomatic relations between Japan and China
1973 The outbreak of the fourth Middle East war
The first Oil Shock, frenzied prices
1975 Saigon fall, Vietnam war ends
The 1st Summit Meeting of the Leading Industrialized Nations (Summit) held in Paris
1976 Supersonic aircraft 'Concorde' launched to regular flights
Lockheed case
1977 Dhaka JAL flight air hijack Incident
1978 New Tokyo International (Narita) Airport Opened
Signing of Japan-China Peace and Friendship Treaty
1979 Three Mile Island nuclear power plant accident
Soviet Union invaded Afghanistan
1980 Iran-Iraq full-scale war broke out
Japan's automobile production was ranked world's number one
1981 Space Shuttle successfully launched
1982 Falkland conflict broke out
1983 Tokyo Disneyland opened
1984 Glico Morinaga Incident
New 10,000 yen, 5,000 yen, 1,000 yen bills issued
1985 Tsukuba Science Expo held
JAL Jumbo jet crash
Plaza Accord (rapidly and drastically appreciating yen)
1986 Men and Women Equal Employment Law enforced
Chernobyl nuclear accident
UK Prince Charles and Princess Diana visit Japan
1987 Japan National Railway split / privatization, JR start
New York stock market crash (Black Monday)
1988 Recruitment suspicion
Iran-Iraq war cease-fire
1989 Showa Emperor' death
the first year of Heisei
Consumption tax starts
Tiananmen Incident
Fall of Berlin Wall
1990 "Flower and Green Exposition" held in Osaka
East and West Germany unified
1991 Outburst of the Gulf War
Bubble burst, securities & financial scandals frequently occurred
The Soviet Union dissolved, "Establishing an Independent National Community" established

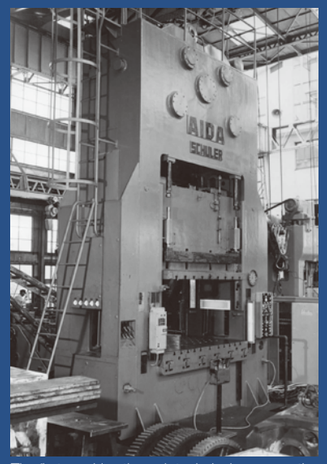
# 1959→69 (Showa 34～Showa 44)

A new era of technical cooperation/tie-up, development rush

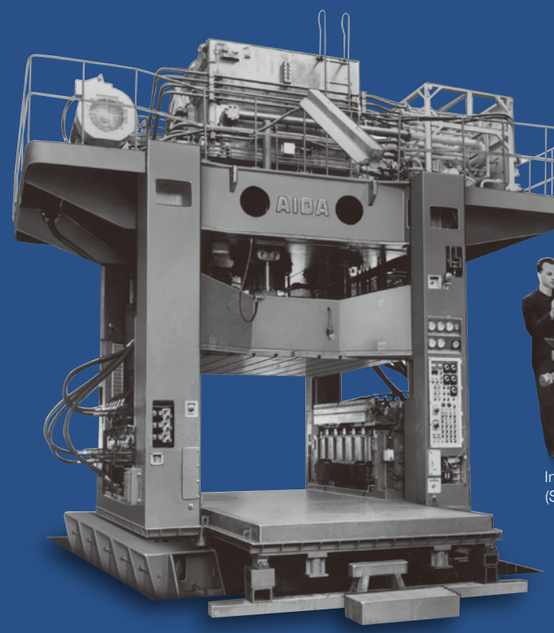
## Promoted technical cooperations with overseas manufacturers

AIDA has already established a solid position as "AIDA of press" in Japan at this time, but compared with Western manufacturers, there still was a great gap in technology, people, equipment, and financial strength. Keinosuke, then Executive Didector, having keenly realized it from the European and US study tours. As soon as he took office as President, he worked on introducing overseas advanced technology and modernizing production systems and facilities.

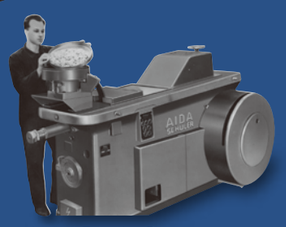
### Introduction of latest technology



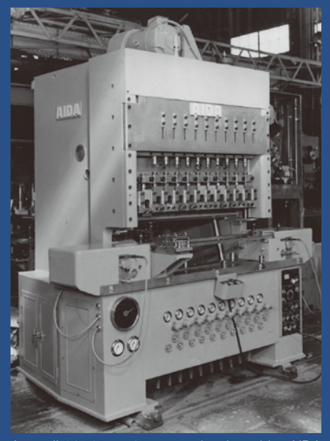

The first machine through technical coooperation with Shuler, 315 ton cross shaft press (1959)




300 tf stretch draw forming press (prototype, 1965), which adopted the technology tied up with American Cyril Bath company.

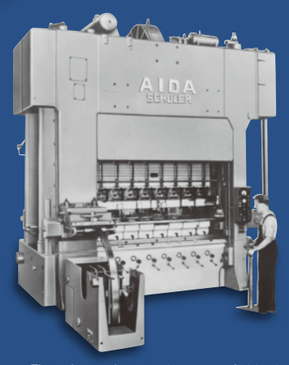



Impact Extrusion Press
(Shuler cooperation machine,1963)



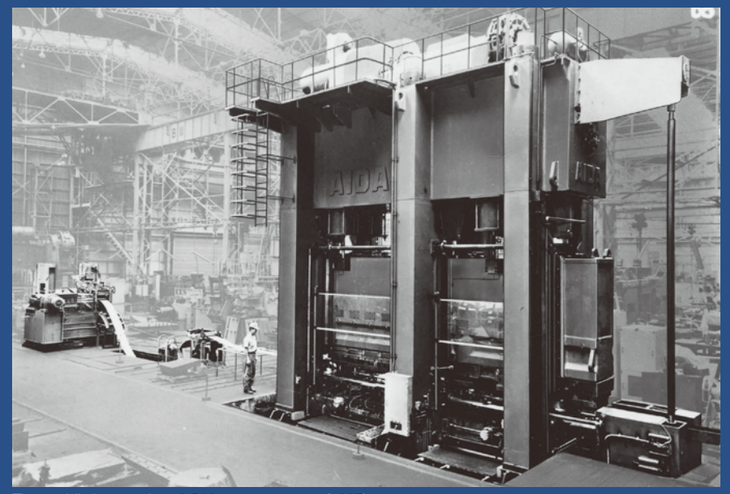

A small 30 tf transfer press developed by AIDA with its own technology (1964).

President Keinosuke and Shuler President. Right at the main Shuler headquarters in Geppingen in the southern Germany (around 1957.) The technical cooperation with Schuler continued from 1959 to 1964.




First domestic transfer press (100 tf, Shuler cooperation machine, 1960)

### "AIDA of technology" enjoying its reputation




The world's largest class 2,500 tf transfer press (1967)


Japan's first industrial robot "AUTO HAND" (1968)

### Relocation and integration of head office and factory facilities

Kameido head office / factory in 1959

Sagami factory in 1960. Later, in the year 64, the head office and Kameido factory moved to Sagamihara and integrated.



**A ceremony commemorating the 50th anniversary of the foundation, which reaffirmed the "pioneering spirit"since its founding.**

In March 1967 when the economy growth was becoming steady, AIDA held a commemorative celebration at Hotel New Otani celebrating the 50th anniversary of its founding. President Keinosuke spoke hotly about the mental attitude towards the next half century "the pioneering spirit of AIDA".

**1959** (Showa 34)
President Yokei, died due to myocardial infarction
Technical assistance agreement with West German Schuler approved
New factory was built in Sagamihara city, Kanagawa Pref. (present main office and factory )

**1960**
The first Japan's transfer press under technical cooperation with Shuler completed

**1961**

**1962**
Listed on the Tokyo Stock Exchange Second Section

**1963**

**1964**
Technical cooperation with American Cyril Bath and Marieu UK

**1965**

**1966**
US representative Office opened (Chicago)

**1967**
World's largest class (then) 2,500tf transfer press completed

**1968**
The first domestic industrial robot "AUTO HAND" completed

**1969** (Showa 44)
Japan's first order for a 250 tf transfer press from a US customer received

# 1970→81 (Showa 45～Showa 56)

Overcome the recession and to the world

## Responding to export new era with technological innovation and expansion of facilities

AIDA changes its company name from "Aida Iron Works Co., Ltd." to "AIDA ENGINEERING, LTD" in 1970. According to Keinosuke, changing to ENGINEERING is because what "AIDA provides with customers is means to solve problems". In this era, Japan was in a recessionary phase and the business environment was severe due to the depressions caused by the first and second oil shocks. AIDA has survived this wave by restructuring of production system, technological innovation, and overseas market development and so on.

### Company name change(from "Aida Iron Works Co., Ltd." to "AIDA ENGINEERING, LTD")

株式会社 会田鉄工所 AIDA PRESS ENGINEERING LTD. ➡ アイダエンジニアリング株式会社 AIDA ENGINEERING, LTD.

"Keisunosuke also encouraged employees' awareness reform as well as renewing their external image by changing company name."

### Honeymoon period with the USSR



World's largest class 3,500 tf transfer press (photo left) ordered by the largest automobile factory in the USSR was shipped in 1971. In the following year, we received an order for a 4,000 tf transfer press (photo right) that exceeds this. During this period, the USSR was an important export partner for AIDA.

Processed products by transfer press

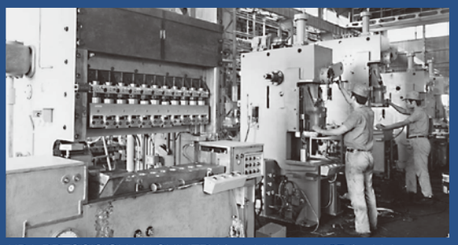
### Great help by the better half in Moscow

AIDA provided licensing of technology to the USSRS for seven years from 1977. In order to deepen friendship, President Keiunosuke made a courtesy visit to Moscow together with his wife, Ms. Kazuko this year. Kazuko gave a speech in Russian, adding grace to the goodwill party where very important persons being invited.

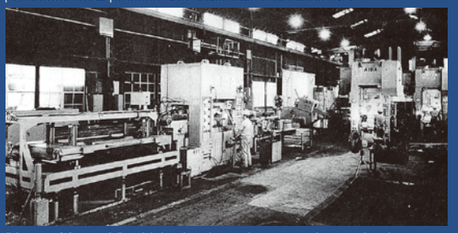
### Increase management efficiency by company split-up.

At this period, AIDA aimed to increase production efficiency through company split-up. As a result, the number of group companies became nine.

"AIDA WELDING" (reorganized in 1972) which was separated from Shimokuzawa weding shop and became an independent company.



AIDA PRESCISION MACHINERY (established in 1974) which produced small presses and automatic machines etc.

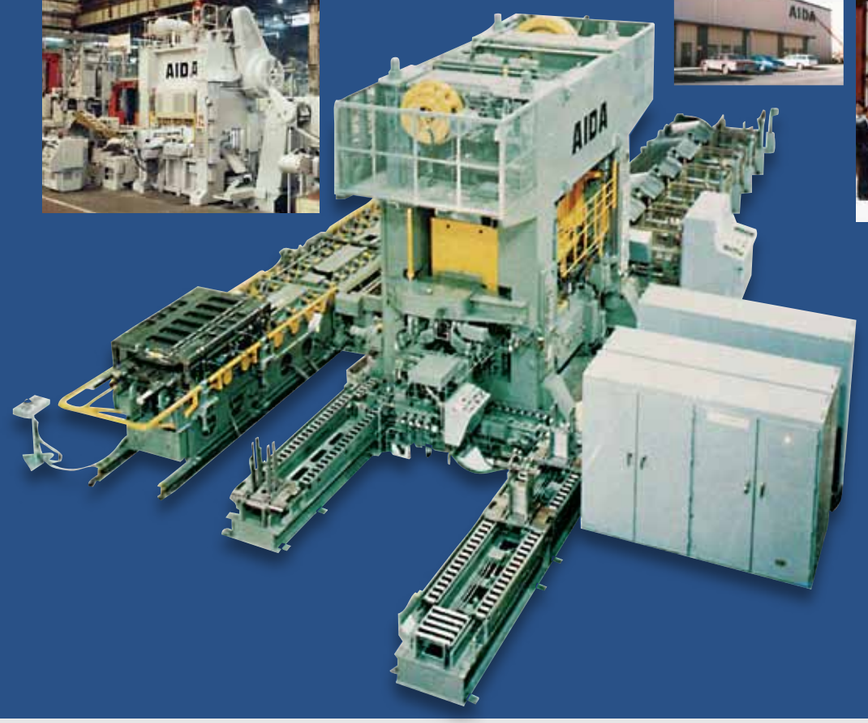


"Japan Monarch" which develops fine stamping technology etc. (Renamed "FORMING ENGINEERING CENTER" in 1980).

### To automation of press processing

Development of "stamping center system" aiming at automation of press processing began in 1971. The photo on the left is No. 2 'Stamping Center Mark II' (1974). The right is "Mark Ⅳ" announced in 1977. It is world's first as a stamping center of transfer press. In this year, the Japan Society of Mechanical Engineers Award was given for the development of stamping center system so far.




### First sales and service base in the USA

A sales and service base also used as a showroom and stockyard established in Columbus, Indiana. Invited local dealers and held seminars and so on.


### Awarded Medal with Blue Ribbon


In 1980, President Hienosuke received the Medal with Blue Ribbon for contributing to the development of the industry for many years, including occupying a major position of Japan Forming Machinery Association.

**1970** (Showa 45)
- Company name was changed to AIDA ENGINEERING, Ltd.

**1971**
- Promoted to the First Section of Tokyo / Osaka Stock Exchange

**1972**
- Established local corporation in the US.

**1973**
- 600 tf cold forging transfer press

**1974**
- New Tsukui factory was constructed
- Stamping Center System Mark II

**1975**
- 4,000 tf transfer press

**1976**

**1977**
- Stamping Center system · Mark Ⅳ (3D transfer) completed

**1978**
- 200 tf Ultra high speed (spm 800) automatic press

**1979**
- Established AIDA ENGINEERING, INC. In Columbus, Indiana, USA

**1980**
- Establishment of Forming Technology Center

**1981** (Showa 56)
- CAD / CAM "LCDM" system for press dies

# 1982→91 (Showa 57～Heisei 3)

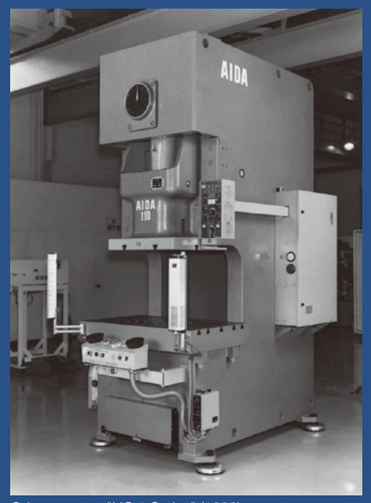
Advanced technology, to world top class

## 70th Anniversary Private Show showing off technology power to the world

In the meaning of "make the quality of work the highest in the world", the three-year plan named WTC (World's Top Content) started in 1981. Thorough reform and internationalization was promoted in all aspects, including products, technology, human resources, and management. Since 1983, TQC has also been fully introduced, and this plan continued until 1987 when we reached our 70th anniversary.

### AIDA's long-selling hit product was born

The general-purpose press series "NC series" which was born with higher precision and higher added value than conventional presses continued to evolve as a hit product of AIDA thereafter.




C frame press "NC 1 Series" (1982)


C frame 2 point press "NC 2 series" with NC straightener feeder (1984)

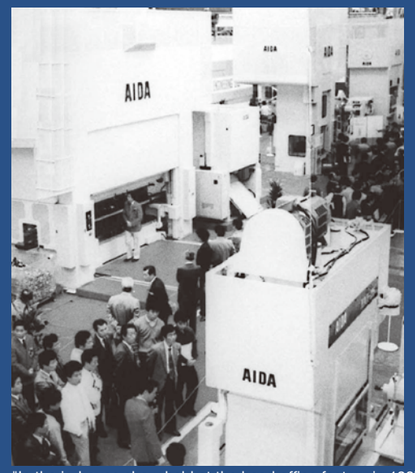
### Collaboration with Bruderer, Switzerland, which dramatically enhanced precision high-speed automatic press technology

Tsukui No.1 Plant, newly built for the manufacture of presses under license from Bruderer (completed in 1982), the right is the first AIDA-Bruderer brand license machine completed in 1983, the ultra precision high speed automatic press (BSTA- 25)

### A bold challenge to a new field without being afraid of failure

During this period AIDA continued to challenge new fields and different fields with the aim of becoming the world's leading technology manufacturer. Although there are fields we already withdrew, the technology obtained by development is still fully utilized in many areas. From the left, CAD / CAM system LCDM for press dies (Low Cost Die Making System, 1982), Die Polishing Robot "DPR series"(1984), the bottle pack system (1983), the engineering plastics molding machine "AMSS(AIDA Mold Stamping System) "(1986)


### AIDA Fine Stamping Fair (FSF) was a great success



"In the in-house show held at the head office factory in 1987, we exhibited 11 models and demonstrated them. The show drew great reaction from about 3,000 visitors from both home and abroad."

### Commemorative ceremony commemorating the 70th anniversary of founding under crisis consciousness


In March 1987, AIDA celebrated the 70th anniversary of the foundation. It was the year when the signs of the bubble economy began to appear, but the social situation was full of uncertainties such that further yen appreciation and dollar depreciation due to the Plaza Accord and the trade friction between Japan and the United States worsened. The speech of President Keinosuke was rather tough not always being one for celebration.


**1982** (Showa 57)
- Technical collaboration with Bruderer, Switzerland
- No.1 Tsukui factory completed

**1983**
- TQC full-scale introduction declared
- AIDA USA moved to Chicago
- Computer control transfer system

**1984**
- Singapore Office established

**1985**
- Selected as the Tokyo Stock Exchange marginable stocks
- Canada local corporation established

**1986**
- 4,000 tf transfer press for Soviet Union

**1987**
- Listed on the First Section of the Nagoya Stock Exchange
- Fine stamping fair held

**1988**
- President Keinosuke also held the post of chairman
- Kimikazu inaugurated as Vice President

**1989** (The first year of Heisei )
- Shimokuzawa Forming Technology Center（AFEC） factory completed / local corporation established in Singapore

**1990**
- "VISION 21" 3-Year Plan Started /Technical Institute Building completed

**1991** (Heisei 3)
- AFEC, awarded with Japan Technological Development Award by Japan Society for Technology of Plasticity

Global strategy period

# 1992→2017→

## Toward global company, and…

It was at the time of rise and collapse of IT industries and the bubble economy when Kimikazu AIDA took office as president in 1992. Actually, the order intake of AIDA for that year was the lowest in the past 30 years. Though the structural depression that would be called "Lost 10 years" was about to start, President Kimikazu had already been feeling a sense of crisis in the future of AIDA. It was a true figure of the company that he could see for the first time with the knowledge gained from long experience in overseas until assuming the position of the president. Then, President Kimikazu promoted the reorganization of the factories and offices where aging and obsolescence had progressed, and promoted the restructuring of the domestic production system, reaffirmed its response to product lineup, market and user needs, and actively worked on reforming. Also, he thought there was a limit to the conventional method based on export, he strove to establish a worldwide 5-pole bases that focused on the establishment of overseas production bases and further globalization. AIDA has achieved increased revenue and profit for the fifth consecutive years since 2010 when the results began to appear.

Kimikazu Aida

1992 Kimikazu AIDA took office of the president
Established ACCESS, LTD. (Ishikawa Prefecture)
1993 Local corporation established in Honkong
1995 Manufacturing bases established in US and Malaysia
1996 Established the first manufacturing base (AIDA-BLISS EUROPE LTD.) in UK.
1997 Local corporation established in Thailand
1999 Acquired ISO 9001
2001 Acquired ISO 14001
2002 Local corporations established in China and France
World's first direct drive servo press(Today's Direct Servo Former) completed
Manufacturing base established in China(Shanghai)
2004 Precision forming machine "UL series" completed
Local corporation established in Germany and manufacturing base in Italy
2005 Local corporations established in Brazil and Indonesia
2007 Local corporation established in India
2008 Announced 2,300 tf large servo press (world's largest class)
2009 Local corporation established in Mexico
2010 Started external sales of self-developed and manufactured large capacity servo motor for servo presses
Manufacturing base of China relocated to and expanded at Nantong
2012 Local corporation established in Russia
2015 Local corporation established in Philippines
2,700 tf large servo progressive press (world's largest class) completed
2016 Technology Center established in Germany(We in gar ten)
2017 April, ceremony commemorating 100th anniversary of foundation



Domestic and world affairs

Crown Prince Wedding Provided by: Kyodo News

Hanshin-Awaji (Kobe) Earthquake Provided by: Kyodo News

Sept. 11 Terrorist attacks on America

Provided by: Asahi Shimbun

Privatization of postal services related method approval providing

Aichi Expo held

Obama inaugurated as President of United States

East Japan great earthquake

Tokyo Sky Tree completed Provided by: Kyodo News

1992 Peace Keeping Operations (PKO) bill enacted
1993 Crown prince wedding
The birth of European Union (EU)
1994 English Channel Tunnel opened
Product liability (PL) law enacted
1995 World Trade Organization (WTO) founded
Hanshin-Awaji Great Earthquake
Sarin gas attack on the Tokyo subway system
1996 Japanese Ambassador's residence in Peru hostage incidence
1997 Consumption tax to 5%
Hong Kong returned to China from UK
Kyoto Conference on Climate Change adopted "Kyoto Protocol"
1998 Nagano Winter Olympics held
iMac launched
German Daimler-Benz and the U.S. Chrysler merged
1999 European Union member nations launched single currency Euro
IT bubble
2000 Okinawa summit held
Miyakejima volcano eruption and whole island people evacuated
2001 9-11 Terrorist attack on America
Afghan incident outbroke
2002 FIFA World Cup held in Japan and South Korea
Japan-North Korea Summit and five abductee homecoming
2003 Iraq War outbroke
Private information related laws enacted
Severe Acute Respiratory Syndrome (SARS) prevalent around the world
The Self Defense Forces dispatched to Iraq
2004 Bird flu disturbance
PLO Chairman Arafat died
The Sumatran coast earthquake, the Indian Ocean tsunami
2005 Aichi Expo held
JR Fukuchiyama line derailment
Privatization of postal services related laws enacted
2007 Niigataken Chuetsu-oki Earthquake
Worldwide finance crisis (simultaneous slowdown of the world economy)
2008 Hokkaido Lake Toya summit held
The Beijing Olympics held
Lehman shock
2009 Obama inaugurated as the President of the United States
Joint judge-jury system enacted
2010 "Hayabusa" that probed minor planet Itokawa returned
2011 East Japan great earthquake and Fukushima nuclear power plant accident
UK, Prince William wedding
Japan won the FIFA Women's World Cup championship
Kim Jong-un became the highest leader of North Korea
2012 Tokyo Sky Tree completed
Shinya Yamanaka awarded Nobel Physiology and Medicine prize by iPS cells
The second Shinzo Abe Cabinet started
Abenomics started
2013 Mt. Fuji listed on the World Heritage register
Dutch throne coronation
2020 Olympics determined to Tokyo
2014 Consumption tax to 8%
Ontakesan erupted
Isamu Akasaki, Hiroshi Amano, and Shuji Nakamura awarded the Nobel Prize in Physics by blue LED.
2015 Hokuriku Shinkansen started the operation
The first domestic jetliner "MRJ" maiden flight
Paris simultaneous multiple terrorist incident
2016 My Number System started
Bank of Japan introduced the negative interest rate
Start of full liberalization of electric power
Mitsubishi Motors went under the umbrella of Nissan
President Obama visited Hiroshima where an atomic bomb was dropped

# 1992→1997 (Heisei 4 - Heisei 9)

Collapse of bubble economy, overcome the slump in the economy

## From the management of defense to management of offensive

The rough wave of rapid worsening and chaos of the Japanese economy caused by the collapse of the bubble inevitably hit AIDA. President Kimikazu announced the survival declaration under which he lay a system of various defensive such as temporary leave, but at the same time, he set the aggressive management targets of restructuring and integration of sales and manufacturing bases, aggressive overseas deployment, etc. looking into the future.

### New leader born

In 1992, the "Torch" was handed from Keinosuke to Kimikazu at the commemorative ceremony of the 75th anniversary of founding.

### AIDA survival plan to overcome crisis by restructuring, integration and new introduction

As the storm of recession caused by the collapse of the bubble blowing around, President Kimikazu had to temporarily manage as a provisional measure such as temporary leave, dispatching workforce and encouraged early retirement. While building new factories, restructuring and integration of group companies, he began to start innovative management so that we can respond quickly to the needs of our customers, taking a brave step into aggressive management style.

Forming Technology Center built at the Shimokuzawa Factory premises (1994)

Matto plant of ACCESS Ltd. (newly established in 1995)

### Tackle the advancement of technology even under severe economic conditions

HMX-U launched in 1994 is a successor to the high-speed automatic press BSTA series and the large HMX series released in the late 80's. We were awarded the 1995 Mitsui Precision Technology Award from Japan Society for Technology of Plasticity for our contribution to high precision processing of small electronic parts with a high precision press incorporating advanced technology.


Techno Center of ACCESS Ltd. (newly established in 1993)

AIDA's first overseas manufacturing base ADTC (AIDA DAYTON TECHNOLOGIES Corp.)


Manufacturing base AMM established in Malaysian (AIDA MANUFACTURING MALAYSIA SDN. BHD.)

Established the first manufacturing base (AIDA-BLISS EUROPE LTD.) in UK


### Positive development of overseas sales and service bases

AIDA's overseas expansion began in 1972 when AIDA USA was founded, and full-scale overseas development has continued since then. First of all, following the UK in 1992 and Hong Kong in 1993, in 1994 we also set up a sales and service base in Singapore. In 1995 long awaited local production in the U. S. started in full-scale. Subsequently, production and assembly factories were established in Malaysia and the UK, and the foundation of the world four-pole system in North America, Europe and Asia including Japan was established.

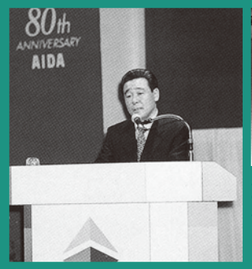
### Chairman Keinosuke was decorated with the Order of the Rising Sun, Gold Rays with Rosette

In the decoration of the autumn of 1994, the achievement of Chairman Keinosuke (then) for his contribution to the development of the press machinery industry for many years was recognized and was decorated with the Order of the Rising Sun, Gold Rays with Rosette.

80th ANNIVERSARY AIDA

### Reborn AIDA introduced CI as a commemoration project of the 80th anniversary of founding

In 1997, AIDA introduced CI (corporate identity) as a part of the 80th anniversary commemorative project, renewed the logos and others. The newly set corporate philosophy was “AIDA will grow and develop globally as a forming systems builder and continue its contribution to people and community.” An octahedron symbol mark is expressing the philosophy in a easy-to-understand manner as AIDA's technology and the code of conduct. In addition to this, as a commemorative project, the company slogan "Harmony People and Technology" and an image song "From dreams" were also set through an in-house competition.




President Kimikazu at the commemorative ceremony of the 80th anniversary of founding


At the celebration, we received a message from Mr. Asei Kobayashi who composed the image song.

AIDA

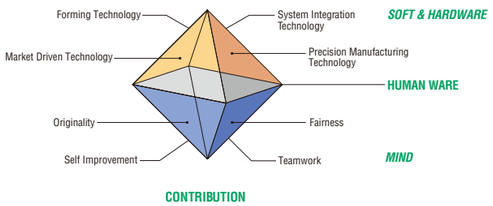
アイダ エンジニアリング株式会社

AIDA ENGINEERING, LTD.

人と技術のハーモニー

Harmony between People and Technology

AIDA OCTAHEDRON PHILOSOPHY




**1992** (Heisei 4)
Vice President Kimikazu inaugurated as president
ACCESS Ltd. Established

**1993**
Local corporation established in Honkong

**1994**
Chairman Keinosuke was decorated with the 4th Order of the Rising Sun, Gold Rays with Rosette

**1995**
Manufacturing bases established in US and Malaysia
New plant built in Hakusan City (Ishikawa Prefecture)

**1996**

**1997** (Heisei 9)
Local corporation established in Thailand

# 1998→2007 (Heisei 4 - Heisei 19)

Global standard and global company

## Aiming at further advancement and world top quality of technology

Until 1995-1997 when the sign of the business recovery came into view, though AIDA has promoted a positive overseas development, and the full-scale movement becomes apparent and the percentage of export as well approached 50%, AIDA became strongly conscious of advanced technology "Global standard", and AIDA tackled with its own technological development and advancement in pursuit of global standard.


A-SF series
Small press series using large-capacity AC servo motors used as direct drive motor


LINX series
New series high-speed automatic presses for small parts market (2001)


Digital servo former series NS-1-1500(D)
World first direct drive servo press (2002, present direct servo former )


「Forming machine with higher accuracy than die accuracy」 born(2004)

Following year, the 47th "Ten New Products Prize" awarded by Nikkan kogyo Shinbun

### Pursuit of global standard

It was 1996 when AIDF started to work on acquiring the international standard ISO "ISO9001" of International Organization for Standardization (ISO). Afterwards, we acquired certification in 1999 by passing the quality audit and examination by examining authority.
Further in 2001, acquired the international standard ISO "ISO 14001" for environmental management.

### Long-awaited headquarters new company building completed

Though the project for building the new company building here was first planned when Kimikazu inaugurated as president, it was postponed other important projects had been completed. The new company building completed in 2002 is a six story intelligent building on the ground.

### Honorary chairman and Keinosuke Aida die.

Keinosuke Aida who retired from the president position in 1992 and had been watching AIDA as an honorary chairman since 1996 died in June, 2000 (at the age of 77). Senior sixth rank was decorated by his contribution to the industry.

The 90th anniversary of founding ceremony with was held at Tokyo Prince Hotel Park Tower in March, 2007


### AIDA accelerated the overseas development again from 2002






1 AIDA MANUFACTURING (SHANGHAI), LTD. (China) (2002)
2 AIDA SAS (France), established (2002)
3 AIDA S.r.l. (Italy) , established (2004)
4 AIDA HONG KONG LTD. Beijing office opened (2005)
5 AIDA do BRASIL (Brazil) established (2005)

**1998** (Heisei 10)
Seventh bay extension completed in Headquarters Sagamihara No.1 plant

**1999**
Acquired ISO9001 certification

**2000**
AIDA PRECISION INDUSTRIES LTD. established
Honorary Chairman Keinosuke AIDA passed away

**2001**
Acquired ISO14001 certification

**2002**
New headquarters building completed
Chinese (Shanghai) manufac

**2003**
turing bases established

**2004**
Local corporation established in Germany
Manufacturing base established in Italy

**2005**
Local corporations established in Brazil and Indonesia

**2006**
PMX total number of sales exceeded 1000 units

**2007** (Heisei 19)
Local corporation established in India
AIDA S.r.l. Czech branch established

# 2008→2017→

(Heisei 20 - Heisei 29)

Aiming for One and Only Company

## Always as a true forming systems builder that opens the future of "manufacturing"

Since worldwide recession caused by the Lehman Shock in 2009 the capital investment demand cooled down and AIDA accounted a large loss for the closing of fiscal year 2009. However, by the leadership the President Kimikazu, the results of the following year showed a quick V-shape recovery by taking full advantage of original technology power, product development power and corporate resources of global business foundation.


23000kN servo press

World's largest class 2,300 ton large servo press (2008). Following year of announcement, received the 51st "Ten New Product Award by Nikkan kogyo Shimbun."


Compact highs peed servo tandem line(2014)
Next year received the 57th "Ten New Product Award" by Nikkan kogyo Shimbun.


General-purpose press new series
DSF-C1-1100A (2013)"


DSF-U1-6000
Precision forming direct servo former (2010)


DSF-P4-27000
Large progressive servo press mounted with water-cooled servo motors (2016)

AIDA AMERICA Corp. (United States)

### Establishment of world five pole manufacturing system

The Nantong plant（Chiangsu province Nantong City) of AIDA PRESS MACHINERY SYSTEMS CO., LTD. started operation in 2011 completing world five pole manufacturing system of AIDA. These pictures are of 2016, but they are still evolving even now.


AIDA S.r.l. (Italy)

AIDA PRESS MACHINERY SYSTEMS CO. LTD. (China)

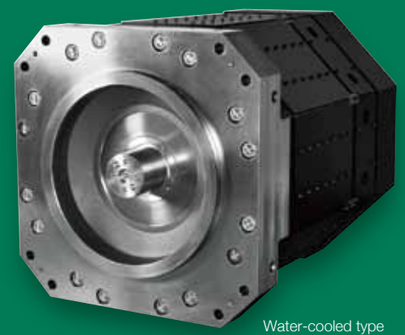
AIDA ENGINEERING (M) SDN. BHD. (Malaysia)

Headquarters (Japan)

### DNA of "AIDA of Technology"

**Large capacity servo motor developed in-house**

Servo Motor is the originating point of AIDA servo presses and the symbol of "AIDA of Technology". In 2002, we developed servo motors dedicated for pressed for the first time. Outside sales began in 1010 and in 2015 water-cooled type was also announced



Water-cooled type

Air-cooled type

### Exhibited at the EuroBlech, world's largest trade show for presses

Exhibited consecutively in 2012, 2014 and 2016 at the Euro-Blech, world's largest trade show for presses held every two years in Hannover City Germany drew big attention to AIDA's unique advanced technology.

**2012**


**2014**


**2016**


**2008** (Heisei 20)
AIDA Mexico opened

**2009**
Precision forming machine "UL-D" series (servo press specification unit) completed

**2010**
Started the outside sale of large capacity servo motor for the servo press
Manufacturing base of China relocated to and expanded at Nantong

**2011**
Local corporation established in Vietnam and Morocco

**2012**
Local corporation established in Russia

**2013**
New servo press "DSF-CI-A" series announced.

**2014**
Manufacturing base of Malaysia spun-off

**2015**
Development and commercialization of large progressive servo press DSF-P4-27000

**2016**
Technology Center established in Germany

**2017** (Heisei 29)
The 100th anniversary of founding

# Challenging the Next Century

## This is a start of a new challenge.

The founder Yokei Aida set the corporate philosophy "Produce better products, at less expensive price to contribute to people and society. What condensed in this motto are technological development, challenge to the development of production technology, and being fair to society. We have kept this founding spirit, challenging spirit, carefully for 100 years. As a result, AIDA has been patronized by many stakeholders as "AIDA of Technology". Hereafter, we will continue to inherit the challenging spirit of the AIDA. The newly starting challenge sets targets on all stages of manufacturing, marketing, sales, product design, manufacturing, maintenance, logistics and design and so on not to mention the technical aspects. Please expect from AIDA's new challenges by all means.

Kimikazu Aida

AIDA Challenge Profile No.1

### Human Centered Design

**Human Centered Design aims to make work space more human-centered**

"Good Design Award" is given to excellent designs. In the past, only a part of industrial products was covered, but its target area is expanding year by year, and it now covers a wide range of tangible and intangible products and creative activities including business models and events. It also shows how "design" plays an important role in enriching our social life.

AIDA believes that by thinking that design reconsideration is necessary because presses are also used by human beings, we will pursue how the future presses are to be and its possibility by working together with the cooperation of external experts. It is the human centered design that not only shows the beautiful form but also ensures the safety of the operators, makes it easier to use, and makes the operation comfortable.

MODEL A


MODEL B


MODEL C


MODEL D

AIDA Challenge Profile No.2

# Advanced Interface Design

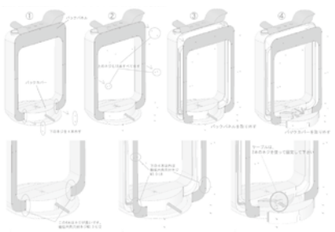
## Usability is one of the indicators to judge the quality of design.

Usability is one of the indicators to judge the quality of design. "Ease of use" in a word, That is a big theme common to the operation screens of websites, applications, home appliances and computers.
The higher the quality, the smoother the user can use without stress, and the higher the safety, the less erroneous operation. In other words, "Human Machine Interface(connecting people and machines)" Design.
AIDA, by using excellent external designers, has been announcing prototypes since 2012, pursuing advanced interface design for equipment that users actually hold in hand.


Slide height adjustment unit 〈Tepa〉
'Tepa' means the manual pulser

Owl

Press run button 〈Owl〉



Bamboo

Operation panel 〈Bamboo〉

Operation panel 〈Moai〉 adopting swipe function

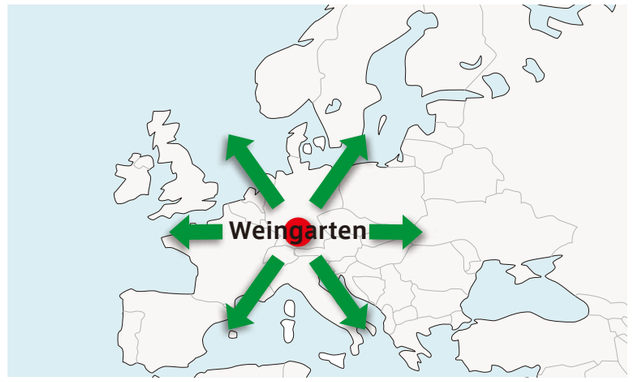
Moai

AIDA Challenge Profile No.3

# Engineering Support Covering the entire Europe

## A fast and thorough technical support system across Europe

In August 2016, AIDA established the Technology Center AIDA EUROPE GmbH in Weingarten, Germany to expand its customer support structure in the European region. This new company that plays a role as a leading technology transmission base in Europe will have a specialized technical department, which will enable us to make advanced technical proposals to customers in a timely manner. Southern Germany where Weingarten is located is considered one of the industrial and automotive industry aggregation areas and numerous customers important to AIDA such as Daimler, ZF and so on are actively operating in the area. Another reason for choosing the city is that the city which is close to the border with Switzerland in the southern Germany is located almost in the center of Europe.

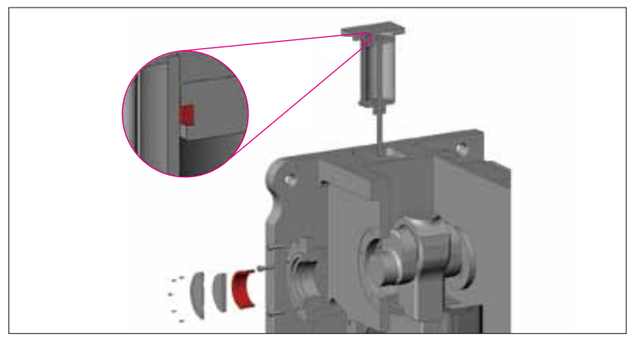



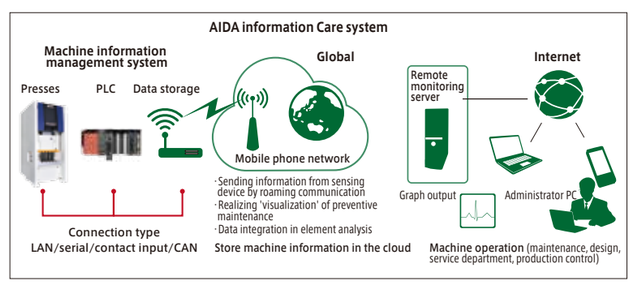

AIDA Challenge Profile No.4

# Ai CARE (AIDA information CARE system)

## Allowing machine information management 'anytime, anywhere' ready

"Ai CARE", which AIDA has been providing since 2016, is a machine information management system that realizes "visualization" of desired information not only for AIDA presses and peripheral equipment but also existing other brand equipment. It is possible to customize according to customers' different facility environments and needs using M2M (information exchange between machines) and IoT (Internet of Things) technology, In addition, information necessary for production management can be disseminated and machine information such as analysis, operation status, preventive maintenance, event occurrence history, etc. can be browsed "anytime, anywhere". The covered areas are currently Japan, Europe, and North America, but it is planned to expand to the whole world in the future. It is an effort to realize analytical prediction from each information using the AI function, and AIDA's new challenge towards the future of fully automated and unmanned factories.





# AIDA 100 years history seen in graph

## 1958 new company building completed in Kameido Headquarters and plant site



Number of Employees: 224 (Non-consolidated)
Capital: 30,000,000 Yen

## 1960 No1 Factory and office building completed in Sagami factory site



Number of employees: 445 (Non-consolidated)
Capital: 120,000,000 Yen

## 1969 Sagami headqu playground, ten arters and plant when having nis / volleyball courts and swimming pool



Number of Employees: 915 (Consolidated) 782 (Non-consolidated)
Capital: 570,000,000 yen
Patent application: 59

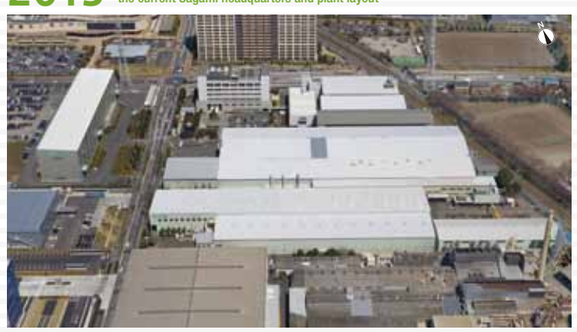

## 1992 Sagami headquarters and plant landscape two years after completion of R&D building

Number of employees: 881 (Non-consolidated)
Capital: 7,818,000,000 yen
Patent application: 46

## 2006 Sagami headquarters and plant scenery 4 years after completion of new company building

Number of employees: 1,539(consolidated) 730(Non-consolidated)
Capital: 7,831,000,000 yen
Registration of patents: 38

## 2015 Sagami No.6 Plant was completed in 2007, almost to the current Sagami headquarters and plant layout

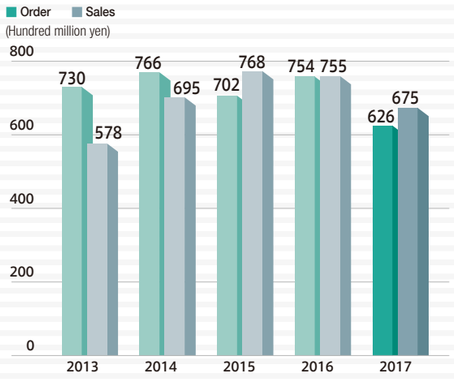


Number of Employees: 1,951 (Consolidated) 727 (Non-consolidated)
Capital: 7,831,000,000 yen
Registration of patents: 27

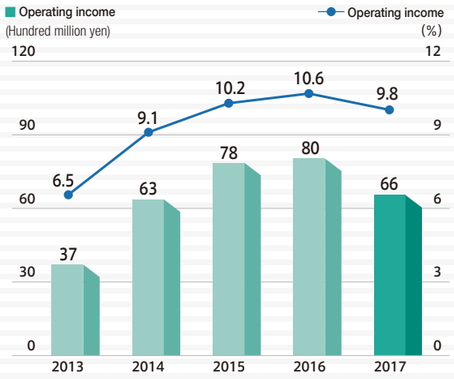
# AIDA 100 years history seen in graph

As of March 2017

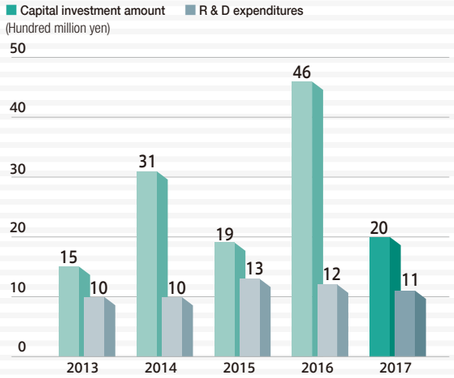
## Sustainable growth



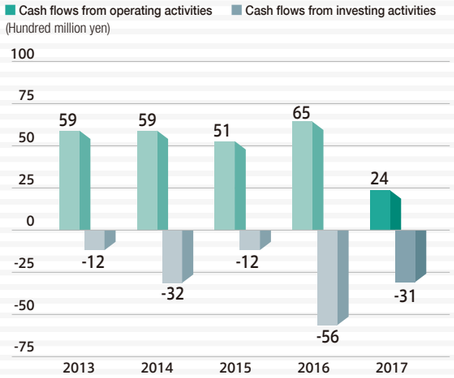

## Stable earning power



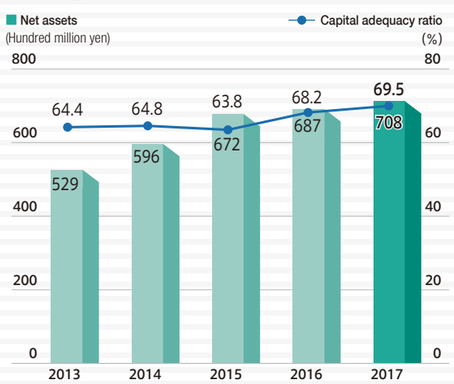

## Investment for the future



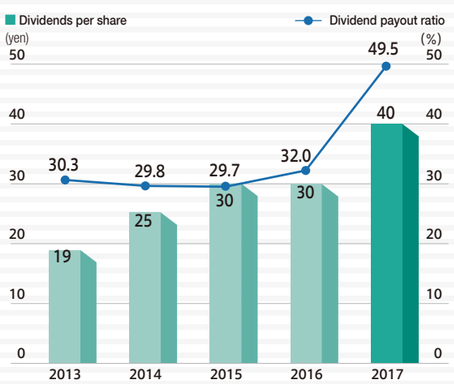

## Cash flow creation




## Strong financial base




## Return to shareholders




## Sales breakdown by Business · Press breakdown by market

### Presses

**78.0%**

Main products

- General-purpose servo presses
- Medium or large servo presses
- Precision forming presses
- General-purpose presses
- Medium or large presses
- High Speed Automatic Presses
- Cold forging presses
- Feeding devices
- Coil feeding devices
- Die.

### Customer Service

**21.7%**

Major customer services

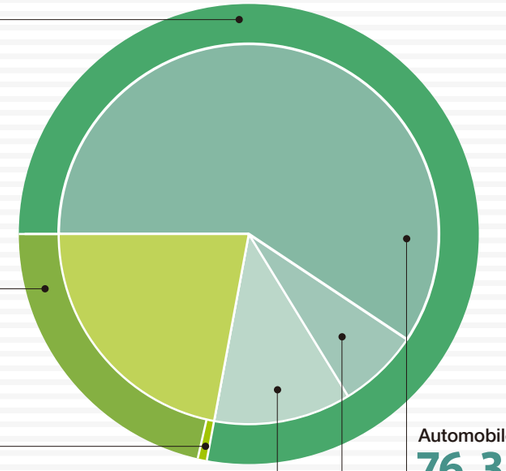
- Retrofit
- Overhaul
- Preventive maintenance
- Press Inspection
- Relocation work

### Others

**0.2%**

Main product

- Machine tool peripheral automation equipment
- Electronic control unit and control cabinets and others

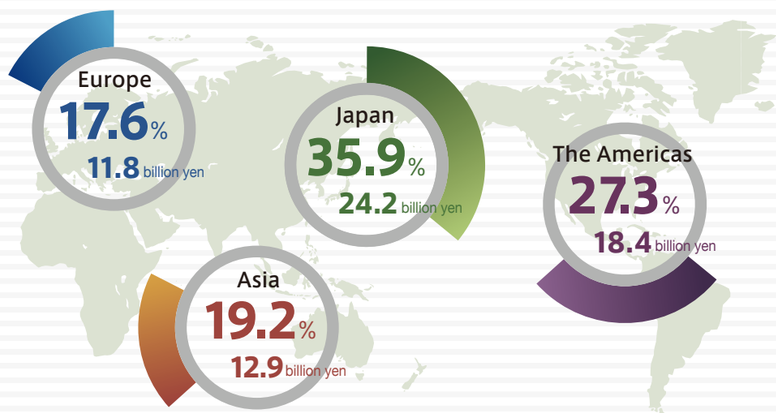


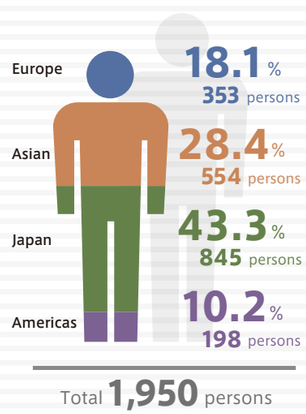
Automobile related **76.3%**

Electric machine and electronic related **8.8%**

Others **14.9%**

## Regional sales breakdown and number of employees percentage breakdown




Total **1,950** persons

# Corporate overview

As of September 1, 2017

Name　AIDA ENGINEERING, LTD.

Founded in March, 1917(Taisho 6)

Established on March 25, 1937(Showa 12)

Capital　7,831,000,000 yen

Fiscal year end　March 31

Number of employees 730 (Non-consolidated), 1,950 (Consolidated)

Headquarters　at 2-10 Ohyama-cho, Midori-ku, Sagamihara, Kanagawa, 252-5181, Japan

Phone　+81-42-772-5231

Facsimile　+81-42-772-5263

URL: http://www.AIDA.co.jp

Group companies

ACCESS, LTD

1080 Kozu-machi, Hakusan, Ishikawa 924-0821

Phone　+81-76-274-8200

Facsimile　+81-76-274-8210

AIDA BUSINESS CORP.

2-10, Ohyama-cho, Midori-ku, Sagamihara, Kanagawa 252-0146

Phone　+81-42-779-4810

(Used Machine Sales Department)

1752 Negoya, Midori-ku, Sagamihara, Kanagawa, 252-0153

Phone　+81-42-780-8690

Facsimile　+81-42-780-8691

Overseas bases

Americas

AIDA AMERICA CORP. (US)

AIDA CANADA, INC. (Canada)

AIDA ENGINEERING DE MEXICO, S. DE R. L. DE C.V. (Mexico)

AIDA do BRASIL Comércio de Máquinas Ltda. (Brazil)

Europe

AIDA S.r.l. (Italy)

AIDA Germany GmbH (Germany)

AIDA EUROPE GmbH (Germany)

AIDA S.r.l. UK BRANCH (UK)

AIDA S.r.l. CZECH BRANCH (Czech)

OOO AIDA (Russia)

Africa

AIDA Maroc Sarl(Morocco)

China

AIDA HONG KONG, LTD. (Hong Kong)

AIDA PRESS MACHINERY SYSTEMS CO., LTD. (Nantong)

AIDA ENGINEERING CHINA CO., LTD. (Shanghai)

AIDA ENGINEERING CHINA CO., LTD. TIANJIN OFFICE (Tianjin)

AIDA ENGINEERING CHINA CO., LTD. GUANGZHOU BRANCH (Guangzhou)

AIDA ENGINEERING CHINA CO., LTD. GUANGZHOU BRANCH CHONGQING OFFICE (Chongqing)

AIDA ENGINEERING CHINA CO., LTD. WUHAN OFFICE (Wuhang)

Asia

AIDA GREATER ASIA PTE. LTD. (Singapore)

AIDA ENGINEERING(M)SDN.BHD. (Malaysia)

AIDA ENGINEERING(M)SDN. BHD. Shah Alam Branch (Malaysia)

AIDA MANUFACTURING (ASIA) SDN.BHD. (Malaysia)

AIDA (THAI LAND) CO., LTD. (Thailand)

PT. AIDA INDONESIA (Indonesia)

AIDA INDIA PVT. LTD. (India)

AIDA VIETNAM CO., LTD. (Vietnam)

AIDA GREATER ASIA PHILIPPINES , INC. (Philippines)


## Challenging the Next Century　The challenge of the AIDA continues toward the next hundred years

The 100th anniversary of founding ceremony and celebration　April 6, 2017: at Pacifico Yokohama



Issuance: September, 2017

1917→ 1930 1940 1950 1960 1970 1980 1990 2000 2010 2017→

AIDA's history is the history of presses.

# 100 years of presses

AIDA

## Multi-Purpose Presses

1920 Power Press

1948 Rolling key clutch Type Power Press

1951 Long slide Type Power Press

1959 Hy-Flex Press

1966 PPC Hy-Flex Press "Super Series (PPC)"

1967 PDC Hy-Flex Press "Wide Series (PDC)"

1974 C1 Hy-Flex Press "Million Series (C1)"

1975 C2 Hy-Flex Press "Million Wide Series (C2)"

1982 NC1 Hy-Flex Press "NC 1 Series"

1984 NC2 Hy-Flex Press "NC2 Series"

1993 NCS Straight-Side Type Hy-Flex Press "NCS Series"

2000 NS1 Hy-Flex Press "NS1 Series"

2000 NC1-E Hy-Flex Press "NC1-E Series"

2001 NC2-E Hy-Flex Press "NC2-E Series"

2004 NS2 Hy-Flex Press "NS 2 Series"

★NC1-D Digital Servo Formers Hy-Flex Press "NC1-D Series"

★NS1-D Digital Servo Formers Hy-Flex Press "NS1-D Series"

★DSF-N2 Direct Servo Formers "DSF-N2 Series"

2013 ★DSF-C1-A Direct Servo Formers "DSF-C1-A Series"

★DSF-N1-A Direct Servo Formers "DSF-N1-A Series"

## Straight-Side Presses

1933 400 tf Toggle Drawing Press

1959 AIDA Schuler 315 tf cross shaft Press

1961 500 tf 4-point Press

1962 PDM Double Crank Press "Module Press PDM"

1965 PS Single Crank Press "PS Series"

1969 QD 2-point Link Press "QD Series"

1975 D Double Crank Press "D Series"

1979 PD Double Crank Press "PD Series"

1982 S1 High Precision Heavy Stamping Press "S1 Series"

1985 SMX Link Motion Straight-Side Press "SMX Series"

2001 S1-E Heavy Stamping Press "S1-E Series"

2008 ★SMX-23000D Large Servo Press "SMX-D Series"

## Forging Presses

1933 250 tf Knuckle Joint Press

1948 Upsetter

1953 500 tf Forging Press

1961 PK 250 tf Knuckle Joint Press "PK Series"

1965 CFG 800 tf Cold Forging Press "CFG"

1969 CFD 400 tf Double Slide Cold Forging Press "CFD"

1969 PFD 600 tf Hot Forging Transfer Press "PFD"

1973 CFT 600 tf Cold Forging Transfer Press "CFT Series"

1975 CF1 Cold Forging Press "CF1 Series"

1979 K Knuckle Press "K Series"

1979 PK 2000 tf Knuckle Joint Press "PK"

1988 FMX Cold Forging Press "FMX Series"

1989 FMX 3000 tf Large Cold Forging Transfer Press "FMX"

1991 FMX Compact High-Precision Forging Press"FMX-250"

1993 CFT Cold Forging Transfer Press "CFT-1000"

1993 K1 Knuckle Press "K1-4000"

2001 K1-E Cold Forging Knuckle Press "K1-E Series"

2004 UL Ultimate Precision Forming Press "UL Series"

2009 ★UL-D Ultimate Precision Forming Press "UL-D Series"(Digital Servo Press)

2010 ★DSF-U Direct Servo Formers "DSF-U Series"

2014 ★DSF-U2 Direct Servo Formers "DSF-U2 Series"

## Innovative products born in the foundation period

1912 Hand Screw Press

1917 Kotobashi (Foot Press)

1925 Punching Press

1932 Drum Making Machine (Beading Machine)

1932 Drum Making Machine (Double Seamer)

1935 Square Shear

1948 High Speed Notching Press

1949 Crank Lever Shear

1951 Crown Cap Making Automatic Press

1953 Hop Press for Beer

1954 Tangent Bender

## High Speed Precision Presses

1958 300 tf High Speed Automatic Press

1963 150 tf Perforating Press

1964 High Speed Automatic Press Hypromaster "L Series"

1976 High Speed Automatic Press "A Series"

1982 BSTA Super High Speed Precision Automatic Press "BSTA Series"

1986 HMX High Speed Automatic Press Hypromax "HMX Series"

1992 HMX-M High Speed Precision Automatic Press "HMX-M Series"

1994 HMX-U High Speed Precision Automatic Press "HMX-U Series"

1998 ★A-SF Servo formers"A-SF Series"

1999 AXEL High Speed Automatic Press "AXEL Series"

1999 SONIC Ultra High Speed Precision Press "SONIC"

2001 LINX High Speed Precision Link Press "LINX Series"

2003 MSP Multi Suspension Press "MSP Series"

2015 MSP Multi Suspension Press "MSP Series"

## Progressive Presses

1958 200 tf High Speed Automatic Press

QDA Hypromaster "QDA Series"

1972 High Speed Automatic Press Hypromaster "H Series"

1984 PMX High Speed automatic Link motion Press "PMX Series"

1997 UMX Progmax Press "UMX Series"

1998 VL Vertical Link Press "VL-250"

2004 PMX-16000 Progmax Press "PMX Series"

2011 ★DSF-P2-4000 Direct Servo Formers "DSF-P Series"

★DSF-P4-12000 Direct Servo Formers "DSF-P Series"

2016 ★DSF-P4-27000 Direct Servo Formers "DSF-P Series"

## Transfer Presses

1954 350 tf Gang Press

1960 AIDA Schuler 100tf Transfer Press

1964 30 tf Transmax Press

1967 2500 tf Transmax Press

1972 3500 tf Transmax Press

1975 FT-N 300 tf 3D Transfer Press "FT-N Series"

1982 Link motion・3D Transmax Press

1984 FT2 High Speed Precision Transmax Press

1985 TMX Transmax Press "TMX Series"

1991 TMX New Transfer Press "TMX-III-40"

1996 TMX High Speed Precision Transfer Press "TMX-II-S2-45"

1996 TMX-S2 Transfer Press"TMX-S2-400"

TMX Large High Speed Transfer Press "TMX-II-S4-30000"

2012 ★DSF-T4-30000 Direct Servo Formers "DSF-T Series"

2014 ★DSF-T4-30000 Direct Servo Formers "DSF-T Series"

2015 ★DSF-T4-12500+12500 Twin Transfer Servo Press

## Automation system

1960 1800 tf Transfer Press Line "PL-300" × 6 units

High Flex Press Transfer Line

1974 Single Synchronized Press Line

1974 Stamping Center System・Mark II (Mini Coin Type)

1975 Stamping Center System・Mark III (Progressive)

1977 Stamping Center System・Mark IV (3D Transfer)

1987 Stamping Center System・Mark IV + Databank

TSS Servo Transfer Feeder "TSS" (Large Type)

VF Destack Feeder "VF" for Aluminum

2006 SAT Cross Bar Transfer Device "SAT"

2008 ★Servo Tandem Line Large Servo Tandem Line "SMX-D Series" (527000 kN)

2009 ★Servo Tandem Line Large Servo Tandem Line "SMX-D Series" (61000 kN)

2014 ★Servo Tandem Line Large Servo Tandem Line "DSF-S Series" (67000 kN)

VF Destack Feeder "VF" for Tandem Line Handling Steel / Aluminum

2016 D-MAT Double Arm "D-MAT"

## Industrial Robot "Auto-Hand" Press-to-Press Transfer Robot

1968 Industrial Robot "Auto-Hand"

A-1 Teaching Robot "A-1"

1978 THL Auto-Hand "Linepacer THL"

1979 AH-III Industrial Robot "Multipacer AH-III"

LFS NCL Straightener Feeder "LFS Series"

1982 A-8 Press-to-Press Transfer Robot "A-8 Series"

NCAH-III Die-to-die Transfer Robot "NCAH-III"

NCTHL Press-to-Press Transfer Robot "NCTHL"

A-8 II Press-to-Press Transfer Robot "A-8II"

A-8T Press-to-Press Transfer Robot "A-8T"

TCS Servo Transfer Feeder "TCS " (Multi-Purpose Type)

LFA-G New Type Straightener Feeder "LFA-G Series "

Mechanical press synchronized line "UL-2000×2"

Blank piler for outer panels

GH Straightener Feeder

★Servo Tandem Line Compact High Speed Servo Tandem Line "NCAH-III"

End of Line

■:Epoch-making product that made history

★:Servo press

Note : Unit symbols kN had been changed to kN for the presses contracted on or after April 1, 2000.