Bipolar Plate Day @ AIDA – Thursday December 4th, 2025

In association with

Fraunhofer IPT

CENTER FUEL CELL INDUSTRIALIZATION

Agenda of the Day

9:00	**9:10**	**Welcome address**
9:10	9:25	We are AIDA
9:25	9:40	Fraunhofer IPT / FCI: who we are
9:40	10:10	Presentation: AIDA DSF-BE1 Series
10:10	10:50	Presentation: 06/25 Die Test Results
10:50	11:10	Coffee Break
11:10	11:30	Presentation. DREHER. Automations solutions for BPP
11:30	11:50	Presentation: APERAM. Stainless steel for BPP
11:50	12:10	Bipolar Plate Forming. Testimonial #1. BORIT
12:10	12:40	Q&A Session / Open Discussions
12:40	13:40	Business Lunch & Networking
13:40	14:10	Factory Tour
14:10	14:40	Live BPP forming demo on AIDA DSF-BE1-16000-300-120
14:40	14:50	Coffee Break
14:50	15:10	Bipolar Plate Forming – Testimonial #2. PRECISION RESOURCE
15:10	15:30	Presentation: MOLDINO. Solutions for tooling
15:30	15:40	Presentation: LABAMIE. Test and metrology on BPP and thin sheetmetal
15:40	16:10	Q&A Session / Open Discussions
16:10	16:40	Season's Greetings & Networking
16:40	16:50	Farewell Address

1917

AIDA IRONWORKS is founded in Honjo, Tokyo, **by Mr. Yokei Aida**

1933

AIDA introduces the **first Japanese 250-ton knuckle-joint press**

1940

AIDA IRONWORKS changes its name to **AIDA PRESS INDUSTRY**

1956

AIDA introduces the **first Japanese 200-ton automatic high-speed press**

1960

AIDA introduces the **first Japanese transfer press**

1962

AIDA PRESS INDUSTRY is listed on the second section of the **Tokyo Stock Exchange**

1964

AIDA moves its head office and operations **to Sagamihara**, Kanagawa Prefecture

1967

AIDA introduces its **first 2500-ton transfer press**

AIDA Global. History and Milestones: The Growth and Internationalization

1968

AIDA introduces “Autohand”, the **first Japanese industrial robot**

1970

AIDA PRESS INDUSTRY changes its name to **AIDA ENGINEERING**

1971

AIDA ENGINEERING is **promoted to the first section of the Tokyo Stock Exchange**

1972

AIDA establishes its first overseas subsidiary in the **United States**

1992

Third-generation **Mr. Kimikazu Aida becomes President** of AIDA ENGINEERING

1995

AIDA ENGINEERING establishes manufacturing bases in the USA (**AIDA America**) and Malaysia (**AIDA Engineering Malaysia**)

2002

AIDA ENGINEERING introduces the **first direct-drive servo press DSF® in the world** and the **MSP Series**, the **first in-line multiple suspension point press** for lamination of electric motor cores

2003

AIDA ENGINEERING establishes its manufacturing base in **China** and completes the development of the **UL Series of presses for Precision Forming**

AIDA Global. History and Milestones: Previously and in the meantime, in Italy

1898

F.LLI ROVETTA & C. is founded in Brescia
by **Messrs. Pietro** and **Antonio Rovetta**
manufacturing machines for processing agricultural products

1936

F.LLI ROVETTA & C. becomes
PREMIATE OFF. MECC. ANTONIO ROVETTA
and starts specializing in machines for metal forming

1954

MANZONI PRESSE is established in Lecco
by **Mr. Stefano Manzoni**

1961

MANZONI PRESSE
Transfer its operations to Calolziocorte (LC)

1969

PREMIATE OFF. MECC. ANTONIO ROVETTA becomes
ROVETTA PRESSE S.p.A. and transfer its operations in
Pavone Mella (BS)

1984

ROVETTA PRESSE
produces its **first link-drive press**

1992

MANZONI PRESSE
acquires ROVETTA PRESSE S.p.A.

1998

Subsequent to the acquisition of other operations,
MANZONI GROUP S.p.A. is established

2004

AIDA ENGINEERING acquires MANZONI and ROVETTA operations and establishes its manufacturing base in Italy
AIDA EUROPE (AIDA S.r.l.) is born

2005

AIDA EUROPE establishes its subsidiaries in **Germany** and **Brasil**

2008

AIDA ENGINEERING completes the development of its first **2300-ton DSF® direct-drive servo press**

2011

AIDA EUROPE establishes a subsidiary in **Morocco**

2019

AIDA completes the development of its proprietary **IIoT solution (Ai CARE)** and **transfer simulator (ADMS)**

2021

AIDA EUROPE completes the development of its new monoblock servo press **DSF-NE2 Series** one year later awarded ***Product of the Year*** at the **EuroBLECH Awards** ceremony in Hannover

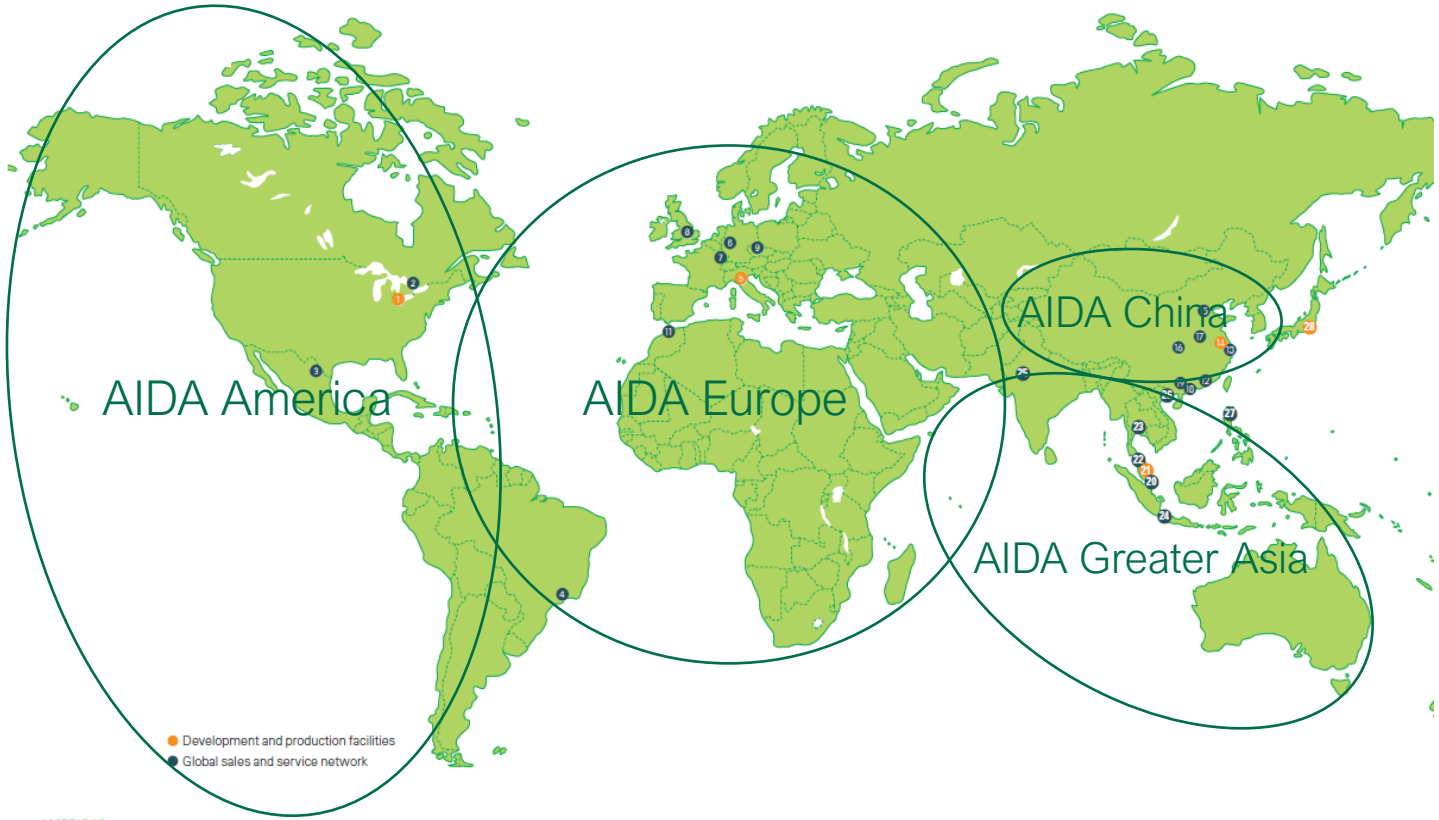
2024

AIDA launches the **DSF-BE1 Series of presses for Forming Metallic Bipolar Plates for Fuel Cells and Electrolizers**

2025

DSF-BE1 Series of presses for Forming Metallic Bipolar Plates is awarded the "**2024 Ten Greatest New Products Award**" by the Nikkan Kogyo Shimbun

Five (5) Production Facilities



AMERICAS

1 AIDA AMERICA CORP. (U.S.A.)
Dayton, Ohio

2 AIDA CANADA, INC. (CANADA)
Ontario

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

4 AIDA do BRASIL (BRASIL)
Sao Paulo (SP)

EUROPE

5 AIDA S.r.l. (ITALY)
Pavone Mella (BS)

6 AIDA PRESSEN GmbH (GERMANY)
Kamen

7 AIDA S.r.l. FRANCE (FRANCE)
Sausheim

8 AIDA S.r.l. UK BRANCH (ENGLAND)
Derby

9 AIDA S.r.l. CZECH BRANCH (CZECH REPUBLIC)
Praha

AFRICA

11 AIDA Maroc Sarl (MOROCCO)

CHINA

12 AIDA HONG KONG, LTD. (HONG KONG)

13 AIDA ENGINEERING CHINA CO., LTD. (SHANGHAI)

14 AIDA PRESS MACHINERY SYSTEMS CO., LTD. (NANTONG)

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

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

17 AIDA ENGINEERING CHINA CO., LTD. NANJING OFFICE (NANJING)

18 AIDA ENGINEERING CHINA CO., LTD. SHENZHEN BRANCH (SHENZHEN)

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

ASIA

20 AIDA GREATER ASIA PTE. LTD. (SINGAPORE)

21 AIDA ENGINEERING (M) SDN. BHD. (MALAYSIA)

22 AIDA MALAYSIA SDN. BHD. (MALAYSIA)

23 AIDA (THAILAND) CO., LTD. (THAILAND)

24 PT AIDA INDONESIA (INDONESIA)

25 AIDA INDIA PVT. LTD. (INDIA)

26 AIDA VIETNAM CO., LTD. (VIETNAM)

27 AIDA GREATER ASIA PTE. LTD. REPRESENTATIVE OFFICE (PHILIPPINES)

28 AIDA ENGINEERING , LTD.
Head Office Sagamihara City, Japan
Oyama, Takasaki, Kanagawa, Nagano, Hamamatsu, Nagoya, Chubu, Osaka, Chugoku / Shikoku, Fukuoka

AIDA Europe Today: Manufacturing Plant and Regional Footprint Overview

Total Area: 55.000 m²
Production Area: 20.000 m²

Seven (7) Controlled
Subsidiaries / Branches

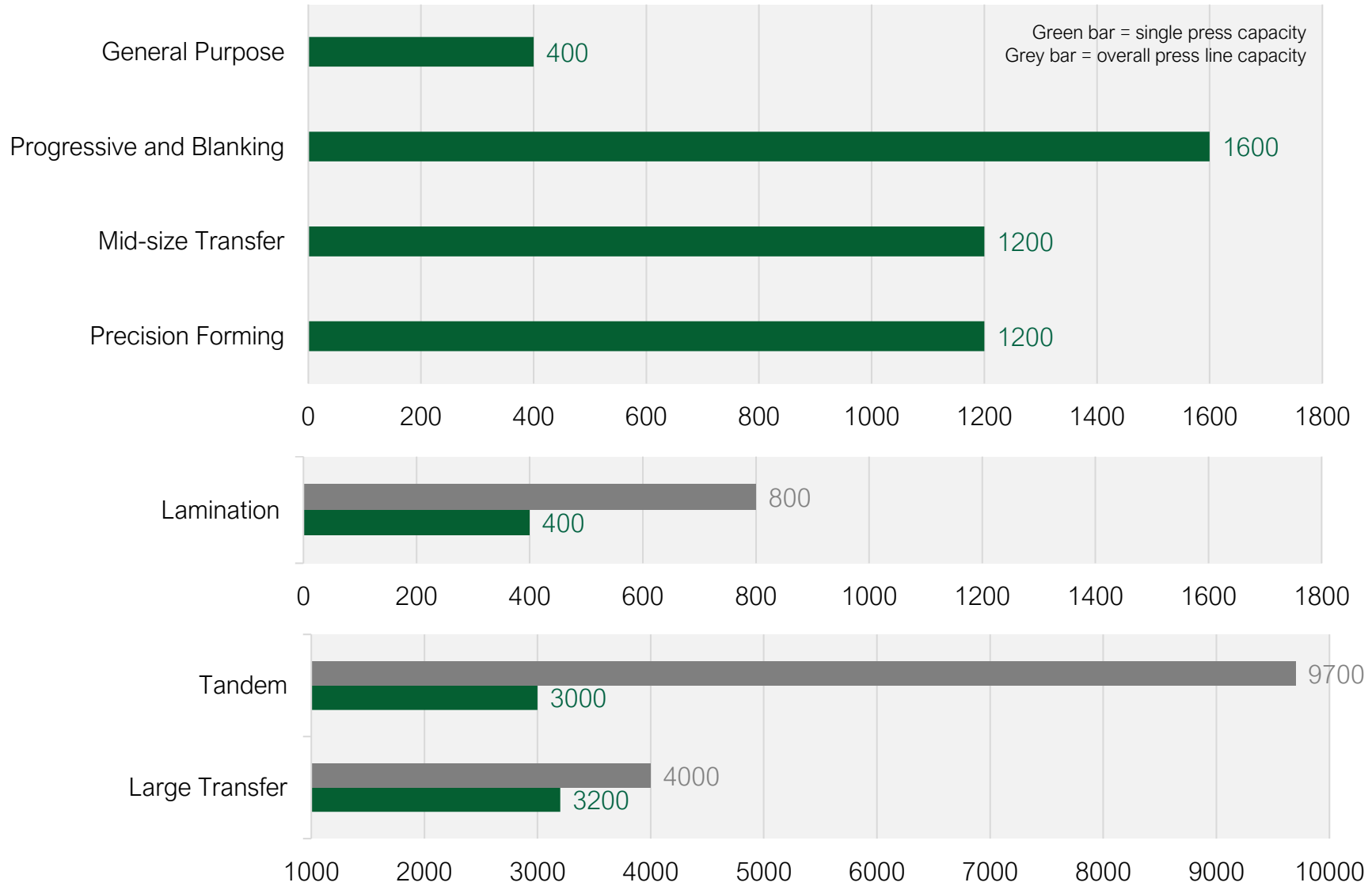
Solar Power Area: 4.100 m²
Est. Prod. Energy: 1,1 GWh p.a.

FABRICATION

MACHINING

ASSEMBLY

AIDA Global Today: Product Portfolio Overview



AIDA Global. History and Milestones: The Development of its Proprietary DSF® Servo Technology

1993	AIDA begins the development of a mechanical press drive system that incorporates the adjustability of the slide motion
1997	**First AIDA servo gap frame press** launched on the market
1999	AIDA starts the **development of its proprietary servomotor** range (very high torque – low speed)
2002	AIDA introduces the **first direct-drive DSF® (Direct Servo Former) servo press** with freely completely programmable motion
2006	**First 16.000 kN AIDA servo press** delivered to customer
2007	About **500 AIDA servo presses** in operation **worldwide**
2008	**First High-speed Servo Tandem Line** delivered to customer
2009	**First 30.000 kN AIDA servo transfer press** delivered to customer
2025	**More than 650 AIDA servo presses** installed in **Europe** **More than 3.300 servo motors manufacured** for worldwide market

SERVOPRO®

DSF Direct Servo Former

Refurbishments and Modernizations

Retrofittings

Relocations

Second-hand Presses and Equipment

Technical Support

Preventive Maintenance

Spare Parts

Service Repairs

In Brief. AIDA

- Feature global manufacturing and commercial footprint (Japan, EU, USA, China, etc.) to serve its customers
- Strive for software and hardware innovation implementation to achieve customer satisfaction
- Promote environmentally friendly innovations to contribute to a more sustainable society
- Focus on electric and hydrogen mobility
- Put Europe as its center of excellence for hydrogen-related parts forming applications

Thank You For Your Kind Attention

visit us at:
https://www.aida-europe.com