



**ALUMINDO
ALLOY ABADI**

**FORGING
EXCELLENCE,
SHAPING
THE FUTURE**

Company Profile





FORGING EXCELLENCE, SHAPING THE FUTURE

PT Alumindo Alloy Abadi · Aluminium alloy ingot & molten aluminium for
Indonesian industry

Our Company



PT. Alumindo Alloy Abadi is an aluminium smelter producing aluminium alloy ingots and molten aluminium since 1998, serving Indonesia's automotive and manufacturing industries.

As a reputable smelter certified to JIS and EN standards, the company serves local and international clients with a diverse range of aluminium alloys. It applies the latest standards, modern technology and advanced machines in production, so that its products meet the highest industry benchmarks.

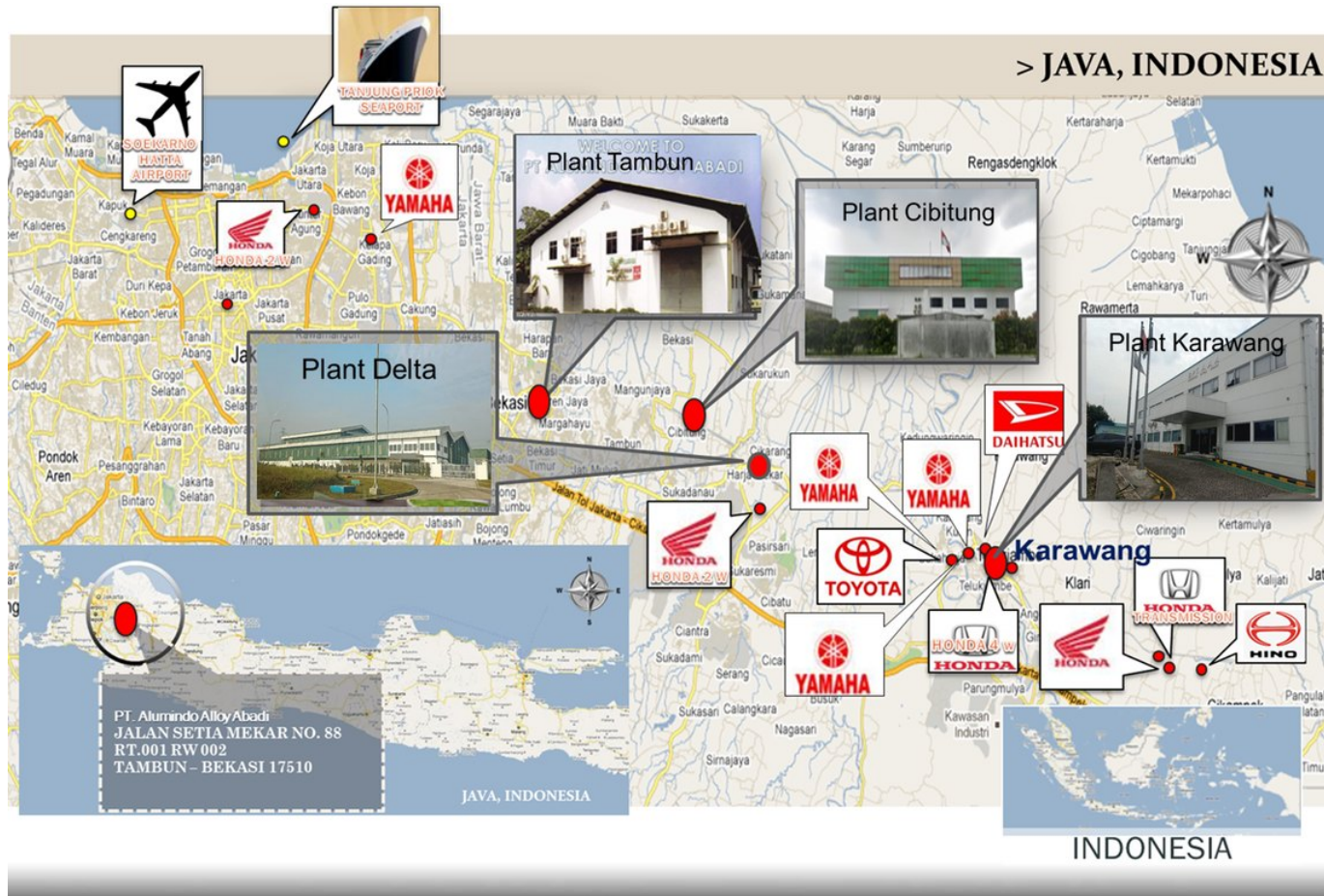
VISION

To be a top aluminium alloy ingot manufacturer, competitive through customer-centricity, outstanding product quality and operational excellence, setting industry standards for innovation.

MISSION

To foster a conducive environment and grow competence through people development, safety, efficiency and customer satisfaction, while supporting the carbon-neutral program.

Our Footprint



Four plants across the Greater Jakarta industrial belt, close to our customers' production lines.

01 **TAMBUN**
Bekasi · 2,000 t/month

02 **KARAWANG**
KIIC · 2,500 t/month

03 **CIBITUNG**
MM2100 · 2,500 t/month

04 **CIKARANG**
GIIC Delta Mas · 1,250 t/month



We operate from four plants, each equipped with extensive facilities.

Strategically positioned plants in Tambun, Karawang, Cibitung and Cikarang show our commitment to expansion and efficiency in meeting customer demand — a trusted supplier of aluminium alloy ingots and molten aluminium, both domestically and internationally.

01

TAMBUN

7,000 m² land

02

KARAWANG

10,000 m² land

03

CIBITUNG

10,000 m² land

04

CIKARANG

16,000 m² land

8,250 t

Max. capacity per month

315 t

Combined capacity per day

3

Robot ingot stackers

3

Ingot casting conveyor lines

2

Dust collector units

Tambun Plant

01

Jl. Setia Mekar No. 88 RT 001 / RW 002
Tambun – Bekasi 17510
Land area 7,000 m²
Tel. 021-88345685, 88345686

TAMBUN

PRODUCTION CAPACITY

2,000 t / month

65 t / day

Capacity currently used: 50%

FACILITY

- 3 furnace units, 10 t each
- 1 rotary furnace, 5 t
- 2 crucible furnaces, 500 kg each



Delivered to: Yamaha Indonesia Motor Mfg · Astra Honda Motor · Astra Otoparts (Nusametal) · Auto Cipta Casting · Kayaba Indonesia · Suzuki Indomobil Motor · Krakatau Steel · Minghorng Indonesia · Cabinindo Putra · Akebono Brake Astra Indonesia · Preformed Line Products · TOA-Galva Industries · Bumi Putra Mfg · Zeno Izumi Indonesia

Karawang Plant (KIIC)

02

Kawasan Industri KIIC, Jl. Maligi I, Lot B-5
Karawang Barat
Land area 10,000 m²

KARAWANG

PRODUCTION CAPACITY

2,500 t / month

100 t / day

Capacity currently used: 60%

Delivered to: Yamaha Indonesia Motor Mfg · Yamaha Part Mfg Indonesia · Astra Honda Motor · Ihara Indonesia · Meiwa Kogyo Indonesia · Astra Daihatsu Motor · Toyota Motor Mfg Indonesia · Aisin Indonesia Automotive · Mikuni Indonesia · Nakakin · ASK Teknik Indonesia · Hankook Indonesia · Suzuki Indomobil Motor · Dai Moto Indonesia · Kyowa Indonesia

FACILITY

- 1 melting furnace, 50 t
- 1 melting furnace, 30 t
- 2 holding furnaces, 30 t each



Cibitung Plant (MM2100)

03

CIBITUNG

PRODUCTION CAPACITY

2,500 t / month

100 t / day

Capacity currently used: 70%

Delivered to: Astra Honda Motor

Kawasan Industri MM2100, Jl. Irian XV
Cibitung
Land area 10,000 m²

FACILITY

- 1 melting furnace, 60 t
- 1 melting furnace, 35 t
- 2 tilting furnaces, 25 t each
- 1 rotary furnace, 5 t



Cikarang Plant (GIIC)

04

CIKARANG

PRODUCTION CAPACITY

1,250 t / month

50 t / day

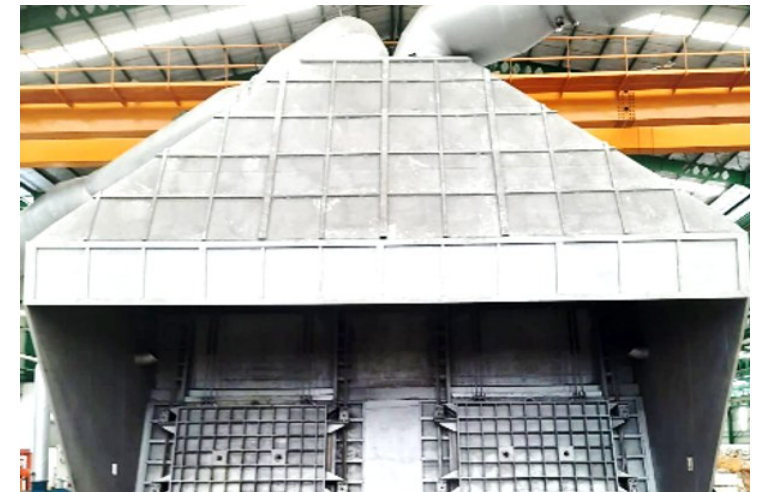
Capacity currently used: 30%

Delivered to: Astra Honda Motor · export (planned)

Kawasan Industri GIIC Delta Mas, Cicau
Cikarang – Bekasi
Land area 16,000 m²

FACILITY

- 1 melting furnace, 60 t
- 1 tilting furnace, 25 t
- 2 crucible furnaces, 500 kg each
- Next project: +1 tilting furnace, 25 t (2027)



Our Products



Aluminium ingots (ADC, AC)

Built to the specification each customer requests.



Molten aluminium (ADC, AC)

Delivered hot to the customer in our own dedicated wing-box molten transport.

PRODUCT FAMILIES

- Die casting alloys
- Sand & gravity casting alloys
- Master alloys
- Foundry support materials

Certified to JIS and EN standards. The full catalogue is available on our website.

Applications & Properties



BY APPLICATION

- Automotive & motorcycle
- Electronics & decorative
- Hydraulic & industrial

BY PROPERTY

- Corrosion resistance
- High strength
- Fluidity
- Thermal conductivity
- Ductility

END-USE SECTORS

- Infrastructure & architecture
- Transportation & automotive
- Household appliances
- Sustainability — recyclable material

Flow Process



Fluxing & degassing

Nitrogen 99.9% and flux at $0.1\text{--}0.5 \times$ total material.

Porosity control

Gas content max 0.40 cc/100 g; K-value max 0.1.

Chemical control

Sampling with chemical test after melting, alloying and in the holding furnace.

Output: strapped aluminium ingots or molten aluminium in ladles, ready for delivery

Robot Stacking & Casting Conveyor



3 Robot ingot stacker units

3 Ingot casting conveyor lines



10 Ladle preheat units

2 Lift casting units for molten aluminium

Ingots are cast on automated conveyor lines and stacked by robots; molten metal is moved in preheated ladles and lifted into transport.

Molten Delivery & Transport



Our fleet of purpose-built trucks gives ingots and molten aluminium a secure, controlled journey to the customer. Safety, efficiency and environmental sustainability guide every logistics operation, with delivery timed to customers' production schedules.

Ladle preheat and lift casting equipment load molten aluminium directly into dedicated wing-box trucks.

2

Wing-box trucks for molten delivery

6

Wing-box trucks

9

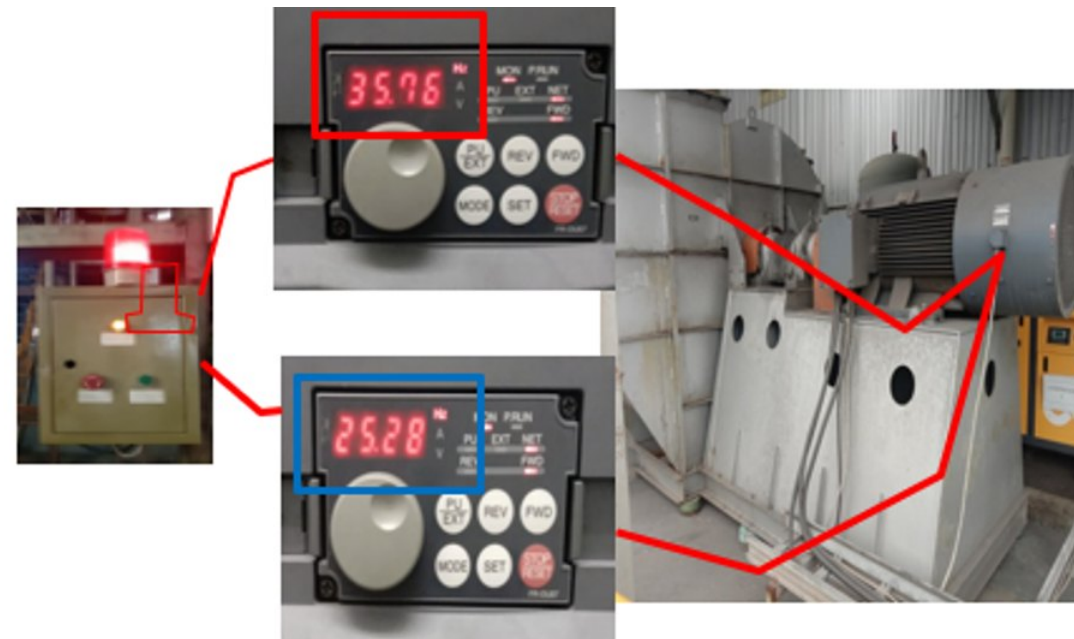
Trucks

Green Company: Motor Acceleration Control



Standard mode

Scrap processing 50.0 Hz · base metal processing 50.0 Hz
Higher energy use



Energy-saving mode (push button)

Scrap processing 50.0 Hz · base metal processing 25.2 Hz
Saves energy on the blower motor

Green Company: Electric Forklifts

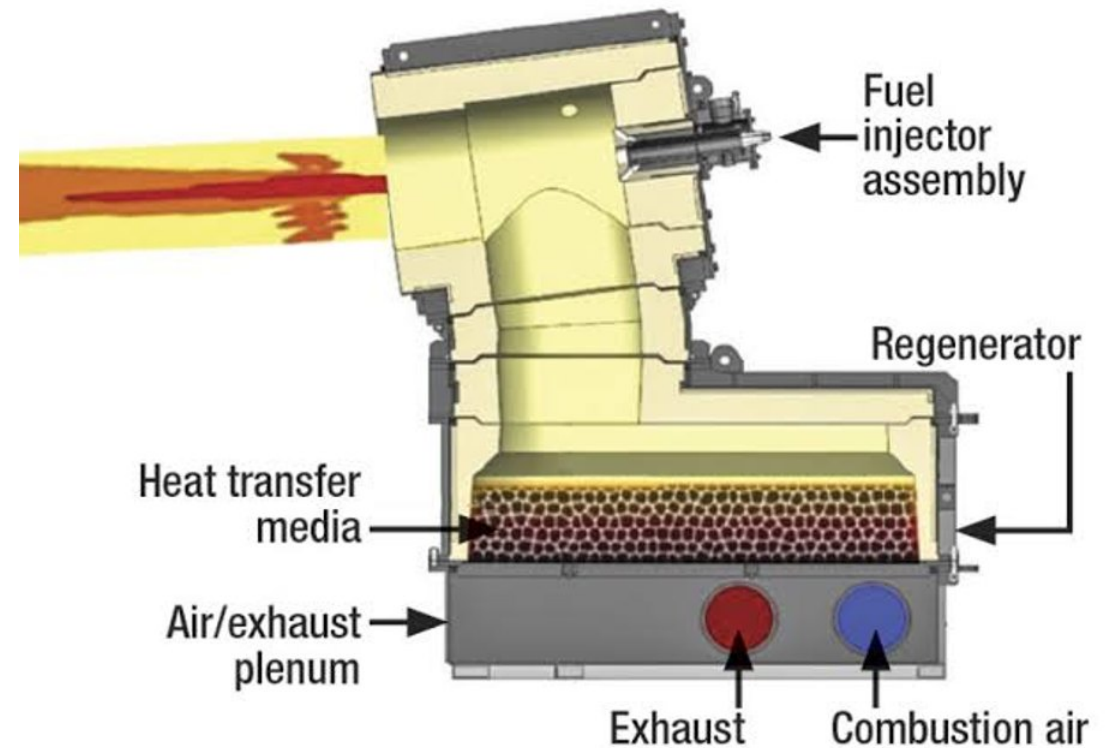
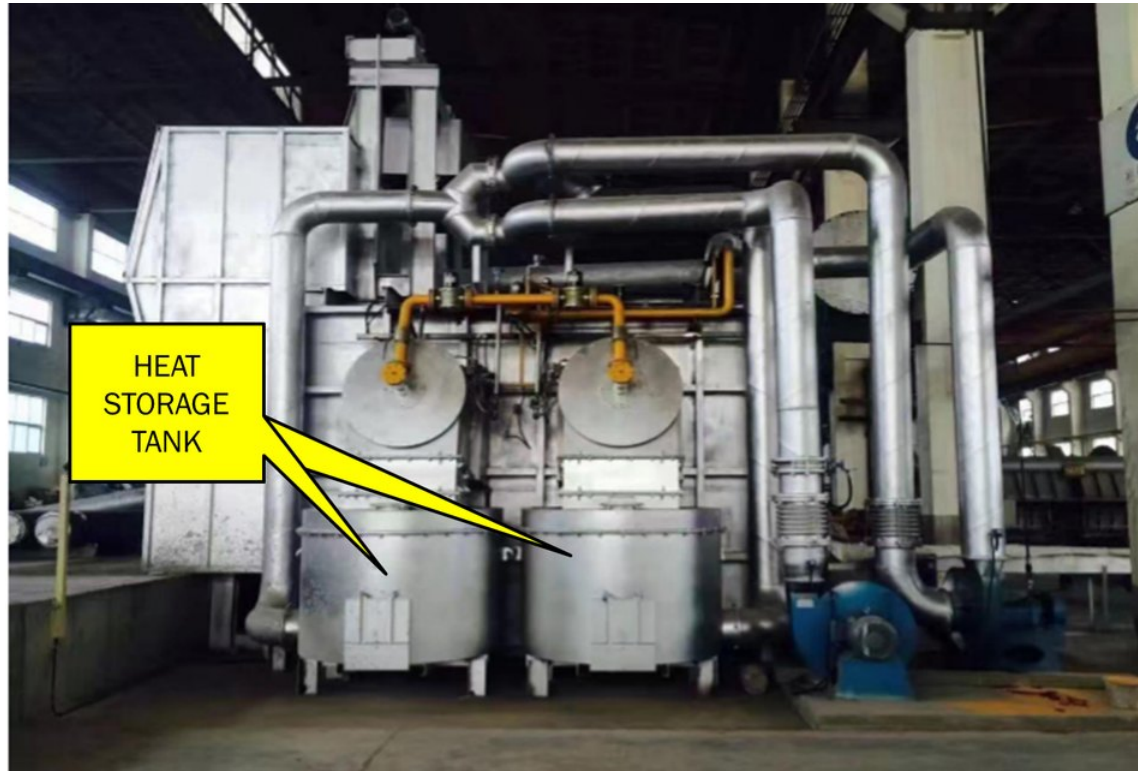


Li-ion battery forklifts

Material handling in our plants uses Li-ion battery forklifts, served by a dedicated charging station.

Part of our commitment to a better environment and to the carbon-neutral program.

Burner System



- Melting uses natural gas (Pertamina PGN), an environmentally friendly fuel.
- Regenerative burner recovers heat through alumina balls / heat-transfer media.
- Dual-fuel system: diesel serves as a backup substitute for natural gas.

Dust Collector



2 UNITS, FULL SET

- Motor blower, 200 kW
- Filter bag system
- Additional heat exchanger — an improvement that protects the filter bags from burning
- Automatic rotary valve

Quality Assurance

“WE SERVE QUALITY”

Quality is our primary concern. Our aluminium alloy ingots are certified to JIS and EN standards, and quality control runs through every step — from incoming material and chemical sampling to porosity testing and delivery.

Our team of skilled professionals makes sure every batch meets the specification the customer asks for.

JIS & EN certified

Aluminium alloy ingots to recognised product standards

In-process control

Spectrometer analysis, chemical sampling and porosity testing

Continuous training

Quality control, 5S, TPM and safety — internal and external

Licenses & Compliance



Hazardous & toxic waste (B3) licenses

1. Transportation license for hazardous and toxic waste (Izin Pengangkutan Limbah B3) — Ministry of Transportation
2. Waste utilization license (Izin Pemanfaatan Limbah B3) — Ministry of Environment

These licenses let us handle our own process by-products responsibly and support recycling of aluminium material.

Clients

- Astra Honda Motor
- Astra Daihatsu Motor
- Toyota Motor Mfg Indonesia
- Suzuki Indomobil Motor
- Yamaha Indonesia Motor Mfg
- Yamaha Part Mfg Indonesia
- Akebono Brake Astra Indonesia
- Aisin Indonesia Automotive
- Kayaba Indonesia
- Ihara Indonesia
- Meiwa Kogyo Indonesia
- Mikuni Indonesia
- Astra Otoparts (Nusametal)
- Preformed Line Products
- Krakatau Steel
- Hankook Indonesia
- And many more



Customer Appreciation



2024	Superior Quality & Delivery Award	2019	Excellent Quality & Delivery Award	2018–2019	Superior Quality & Delivery Award
2018	Best Contribution Award	2015–2016	Superior Quality & Delivery performance	2015	Appreciation for 4,000,000 units production
2013	Appreciation for 3,000,000 units production	2011–2012	Excellent Quality & Delivery performance	2008–2010	Good Quality & Delivery performance

People, Safety & Training

Beyond production, we invest in capability and a safe, orderly workplace — through internal and external training in quality control, 5S, TPM and safety.

13 Oct 2026

Spectrometer training

Cikarang plant — material-composition quality control.

28 Aug 2026

Internal 5S training

Building orderly, disciplined work habits.

21 May 2026

External 5S & TPM training

With Astra Daihatsu Motor — an orderly, efficient, reliable work culture.

24 Dec 2025

Fire drill

With the KIIC fire department — a commitment to workplace safety.

Thank you Terima kasih



Contact

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