PT AVANTGARDE
RAIL ENGINEERING · INDONESIA

COMPANY PROFILE

Railway components and rolling stock, engineered in Indonesia.

PT Avantgarde Rail Engineering is the Indonesian arm of the Avantgarde group in Italy. We manufacture railway components, refurbish and repower rolling stock, and supply track maintenance machines, bringing two decades of European rail engineering into local production.

Italian roots
Two decades of rail engineering

Made in Indonesia
Local manufacturing and TKDN

Rolling stock
Refurbish, renew, repower

Group reach
25 countries served

WHO WE ARE

European rail engineering, manufactured and delivered in Indonesia.

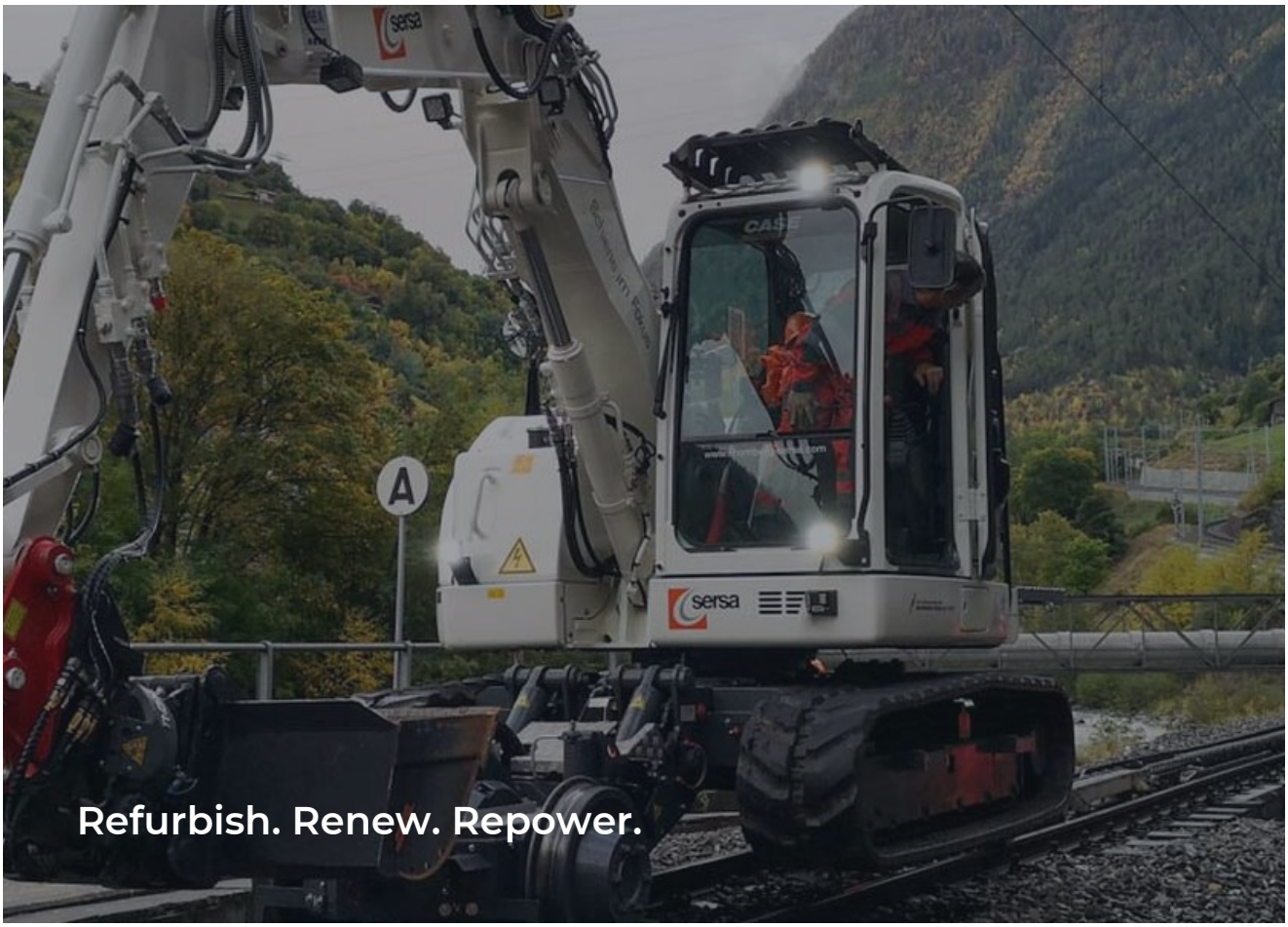
We are the Indonesian arm of the Avantgarde group, an Italian rail engineering company with more than twenty years of work in track maintenance machines and rolling stock refurbishment across over twenty countries. In Indonesia we manufacture railway components, overhaul and repower rolling stock, and supply and support track machines, working with established local heavy-manufacturing partners to build to international standards and to raise local content.

Italian roots
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Made in Indonesia
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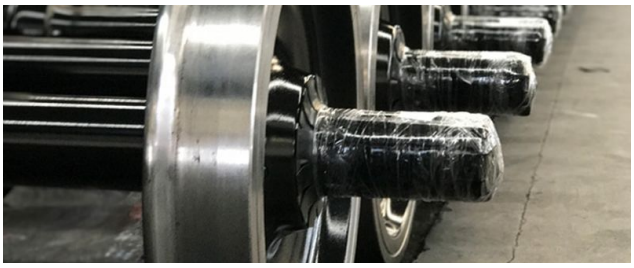
Group reach
25 countries served



Refurbish. Renew. Repower.

CAPABILITIES

One partner across the railway component and rolling-stock lifecycle.



01

Railway components & castings

Bogies, couplers, castings and sub-components manufactured in Indonesia to international rail standards.



02

Rolling stock refurbishment

Overhaul, modernisation and repowering of locomotives, wagons and coaches, extending asset life and performance.



03

Track maintenance machines

Supply and support of tamping machines, ballast regulators and track-laying equipment from the Avantgarde range.



04

Track geometry & diagnostics

Measurement and diagnostics that turn track condition into clear, prioritised maintenance planning.



05

Spare parts & localisation

Component supply and local manufacturing that raise availability and increase local content, or TKDN.



06

Used rolling stock supply

Sourcing, inspection and supply of refurbished used locomotives and rolling stock for local and export projects.



PART OF THE AVANTGARDE GROUP

Italian rail engineering, twenty years in the field.

The Avantgarde group in Italy has built track maintenance machines and refurbished rolling stock for railways in more than twenty countries. Its ethos is simple: refurbish, renew, renovate and regenerate. PT Avantgarde Rail Engineering carries that engineering into Indonesia, close to the operators and the manufacturing base.

> **Refurbish. Renew. Renovate. Regenerate.**

20+ years	25 countries	Track machines	Refurbishment
Rail engineering heritage	Served by the group	Tampers and ballast regulators	Rolling stock modernisation

PRODUCTS & SERVICES

What we make and do, line by line.

01 **Wagon & Locomotive Bogies**
Cast and fabricated bogies and frames for freight and traction stock.

02 **Couplers & Draft Gear**
Couplers, knuckles and draft components to recognised standards.

03 **Steel & Iron Castings**
Rail-grade castings and machined sub-components for rolling stock.

04 **Rolling Stock Overhaul**
Heavy overhaul and refurbishment of locomotives, wagons and coaches.

05 **Repowering & Modernisation**
Engine, traction and systems upgrades that renew older fleets.

06 **Track Tamping Machines**
Supply, commissioning and support of tamping equipment.

07 **Ballast Regulators & Track-Laying**
Machines for ballast profiling and track construction work.

08 **Track Geometry Diagnostics**
Condition measurement and analysis for maintenance planning.

09 **Railway Spare Parts**
Supply and local manufacture of components and consumables.

10 **Used Rolling Stock Sourcing**
Sourcing, inspection and export of refurbished used assets.

11 **Local Content & TKDN Engineering**
Localising supply to meet Indonesian local-content requirements.

12 **Technical Consulting**
Engineering support across fleet, component and track programmes.



SECTORS WE SERVE

Built for operators and owners who cannot afford downtime.

Railway operators

Passenger and freight networks that need reliable stock and components.

Rolling stock owners & OEMs

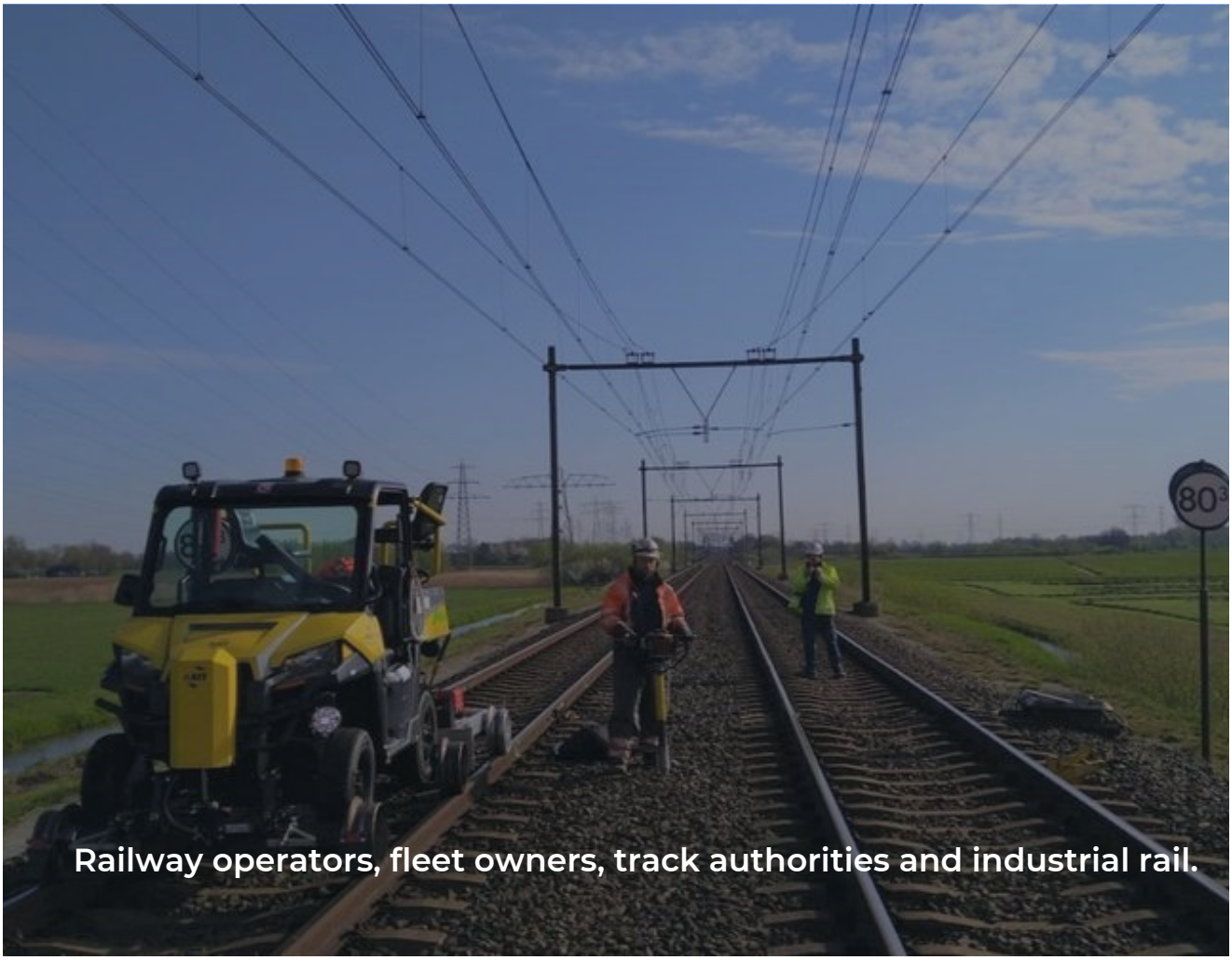
Fleet owners and builders sourcing components and refurbishment.

Infrastructure & permanent way

Track owners maintaining and renewing the permanent way.

Mining & industrial rail

Heavy-haul and private rail assets in demanding environments.



Railway operators, fleet owners, track authorities and industrial rail.

PARTNERSHIPS

Backed by proven engineering and industry partners.

We deliver alongside an Italian rail engineering group and two of Indonesia's leading heavy industry names, so projects are built to international standards with strong local content.

Avantgarde Rail S.r.l.

Our group parent in Italy

Track maintenance machines and rolling stock repowering technology, with more than twenty years across twenty-five countries.

SS 96 km 115, 70026 Modugno (Bari), Italy

avantgarderail.com

PT Barata Indonesia

Manufacturing partner

State-owned heavy manufacturing and railway component foundry, producing bogies, couplers and castings.

Jl. Veteran No. 241, Gresik 61123, East Java, Indonesia

barata.id

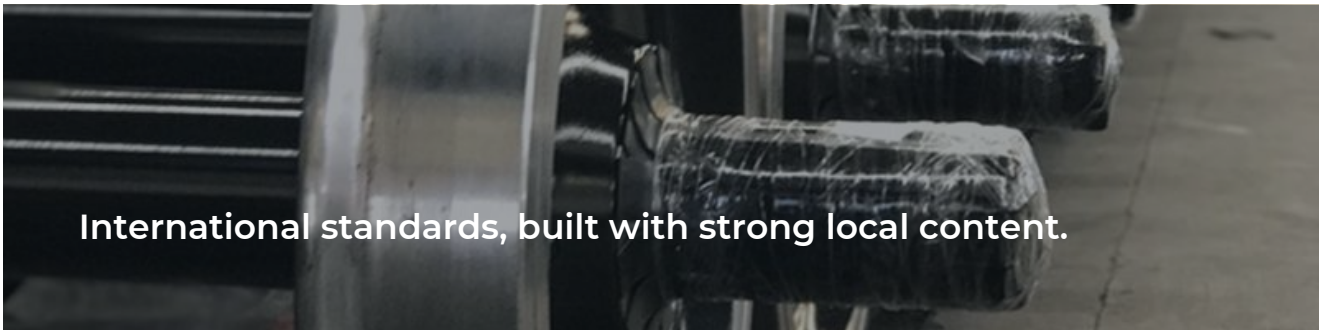
PT Krakatau Steel (Persero) Tbk

Steel supply partner

Indonesia's largest integrated steel producer, supplying rail grade material and plate.

Jl. Industri No. 5, KIEC, Cilegon 42435, Banten, Indonesia

krakatausteel.com



CORPORATE SNAPSHOT

A registered Indonesian company, backed by an Italian group.

LEGAL NAME	PT Avantgarde Rail Engineering
STATUS	PMA, foreign investment company
GROUP	Part of the Avantgarde group, Italy
HEAD OFFICE	Jakarta, Indonesia
FACTORY	Cilegon, Banten, Indonesia
NIB (OSS)	2603250041281
REGISTERED CAPITAL	Rp 10,500,000,000, fully paid
REACH	Indonesia, ASEAN and export markets

WHY AVANTGARDE

Italian engineering, Indonesian manufacturing

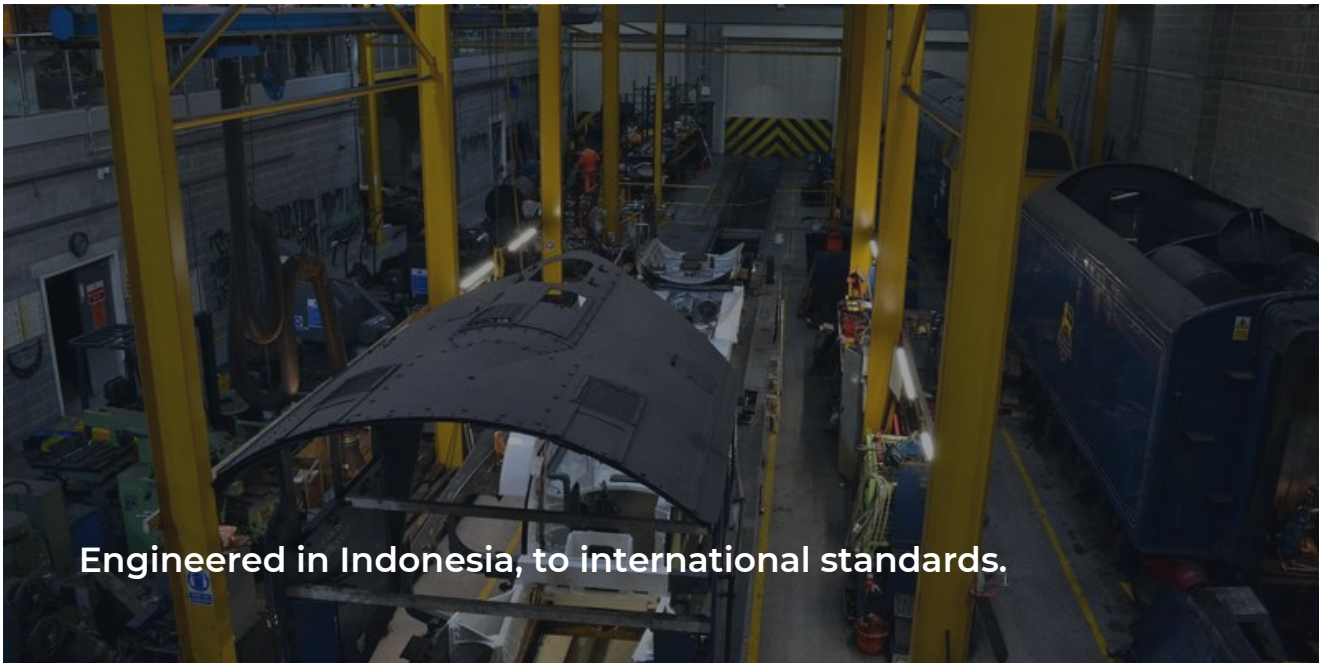
Two decades of European rail expertise, delivered and made close to the operators who use it.

Whole-lifecycle capability

Components, refurbishment, track machines and spare parts from one accountable partner, without handoffs.

Built for local content

Manufacturing in Indonesia to raise TKDN, shorten supply chains and support national rail programmes.



Engineered in Indonesia, to international standards.

PT AVANTGARDE
RAIL ENGINEERING · INDONESIA

CONTACT

Let's talk about your components, fleet or track programme.

Tell us what you operate and where you want to get to. We will come back with a practical, engineering-led response.

EMAIL	sales@ptavantgarde.com
PHONE & WHATSAPP	+62 878-8828-9999
WEB	ptavantgarde.com
HEAD OFFICE	No. 1, Jl. Pos Pengumben Raya, Rukan Permata Boulevard, Blok BA, Jakarta 11630, Indonesia
FACTORY	Krakatau Industrial Estate, Jl. Eropa I No. 2 Kav. B, Warnasari, Citangkil, Cilegon, Banten 42442, Indonesia

ptavantgarde.com