



Turbo Internacional®

**YOUR TURBOCHARGER EXPERTS.
WHENEVER. WHEREVER.**

WE KEEP TURBOCHARGERS IN SERVICE.



Independent turbocharger specialists for marine, power generation, industrial and railway applications.

MULTI-BRAND

ABB · MAN · PBS · MITSUBISHI · KBB · MTU · IHI ·
HEDEMORA · MET · NAPIER

24/7

EMERGENCY TECHNICAL
RESPONSE

WORLDWIDE

12 SERVICE STATIONS + 23
PARTNER POINTS

ONE SPECIALIST. MULTIPLE BRANDS. ONE TECHNICAL STANDARD.

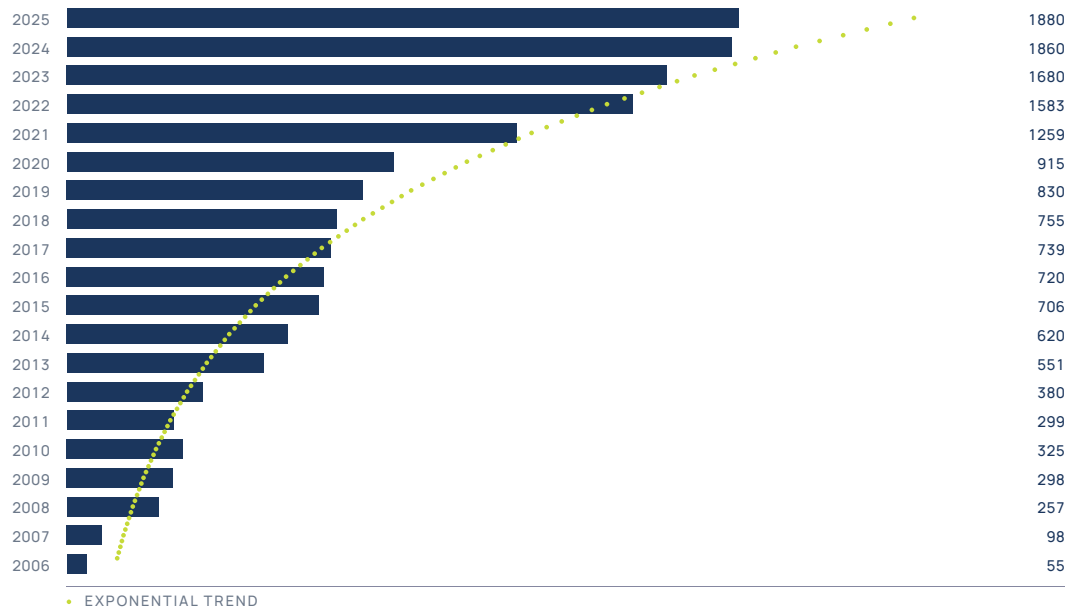
A multi-brand service company dedicated exclusively to the exhaust gas turbocharger — in our own workshops and wherever the machine is: cogeneration and power plants, on board vessels and on railway fleets.

Scheduled maintenance, retrofits, precise reconditioning and 24/7 emergency repairs, executed by technicians trained continuously in-house and on regular OEM factory courses.



TURBOCHARGERS OVERHAULED

Units through the workshops, year by year, with the growth trend they describe.



15.810

OVERHAULED 2006 – 2025



SIX WAYS TO KEEP A TURBOCHARGER EARNING.

The portfolio is built around the customer's problem – in the workshop and in the field.



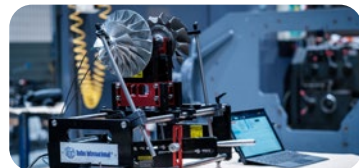
MAINTENANCE & EMERGENCY REPAIR

Scheduled and predictive by running hours; 24/7 response.



COMPLETE OVERHAUL

Full disassembly, inspection, reconditioning and testing.



DYNAMIC & ON-SITE BALANCING

On the workshop benches and on three portable machines.



RETROFITS

Modern substitutes for obsolete or costly-to-maintain units.



SPARE PARTS

Genuine and proven equivalent parts, 12 months warranty.



HEAT EXCHANGERS & COOLERS

Cleaning, repair and documented leak testing.

A close-up photograph of a turbine component, specifically a compressor or turbine wheel, being heated by a torch. The component is mounted on a rotating shaft and is surrounded by a protective cage. A person's hands are visible, holding the torch and applying heat to the top of the component. The background is blurred, showing a workshop environment.

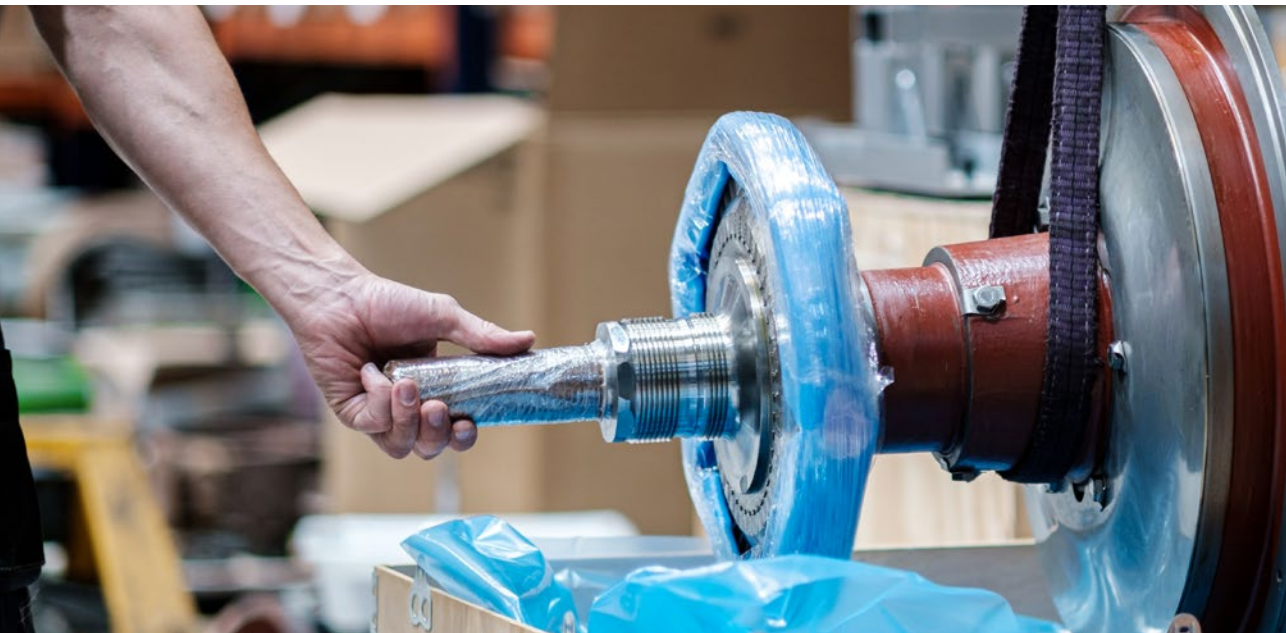
03 / COMPLETE OVERHAUL

**BACK TO ORIGINAL CONDITION.
DOCUMENTED STEP BY STEP.**

Every overhaul follows the same engineering sequence, for every make of turbocharger — and every step is logged, measured and photographed, so the unit leaves with its history on paper.

S.01	DISASSEMBLY	Full strip-down; as-received condition logged.
S.02	INSPECTION	Dimensional check plus NDT: dye penetrant, ultrasonic, hardness.
S.03	RECONDITIONING	Components recovered or replaced to specification.
S.04	BALANCING	Rotor balanced and verified on calibrated machines.
S.05	TEST & REPORT	Final test; service report with measurements and warranty.

THE PARTS THAT KEEP YOUR TURBOCHARGER RUNNING.



GENUINE

ORIGINAL MANUFACTURER
PARTS

PROVEN EQUIVALENT

ALTERNATIVES WE HAVE
TESTED AND SUPPLY WITH THE
SAME WARRANTY

WHAT WE SUPPLY

The complete range of spare parts for every make we service, shipped to port, plant or shipyard with export packing and documentation.

MAIN ITEMS

NOZZLE RINGS

BEARINGS

OIL PUMPS

COMPRESSOR WHEELS

TURBINE COMPONENTS

GASKETS AND SEALING

HEAT EXCHANGERS

COMPLETE CARTRIDGES

— and every other component of the turbocharger, to order.

12 MONTHS WARRANTY ON EVERY SUPPLY

MAKES AND SERIES WE SERVE

Parts and service for the frames below. If yours is not on the list, send us the nameplate.

MET	18	33	42	53	56	60	66	83
KBB	H	HPR	HSR	K2B	M40	R	ST	ST-EP
ABB	VTR	VTC	TPS	TPL	TPC	A	RR	
KKK	K27	K29	K31	K33	K36	K37	K44	
NAPIER	C	HP	NA	NHP	NT1	SA		
HEDEMORA	HS400	HS500	HS4800	HS5800	HS7800			
MAN	N	NA	NR	TCA	TCR			
PBS	NR	PDH	PTD	PTR	TCR			
MTU	ZR	T13	AR425	AGL-340				
GE · ALCO	7S1406	7S1512	7S1716	520				
IHI	RH	RU	AT14					
HOLSET	THE	HP	HX					
EMD	645	710						

GENUINE AND PROVEN EQUIVALENT PARTS · 12 MONTHS WARRANTY

A close-up photograph of a male technician in a workshop, wearing a dark blue long-sleeved shirt and safety glasses. He is kneeling and using a pair of pliers to work on a large, complex metal turbocharger component. The component has a series of curved, ribbed sections on the left and a more cylindrical section on the right. A black cable is connected to the right side of the component. The background is a blurred workshop environment with blue structural elements.

05 / RETROFITS

**WHEN THE ORIGINAL TURBOCHARGER
IS NO LONGER THE BEST OPTION.**

VERIFIED RETROFIT APPLICATIONS

ENGINE		RETROFIT
JENBACHER	J312 · J320 · J420 · J616 · J620	KBB
MWM	TCG2016 · TCG2020 · TCG2032	KBB
DEUTZ	TBG620 · TBG632	KBB
CATERPILLAR	G3520C	KBB
WÄRTSILÄ	18V34SG	KBB
ALCO · GE	12-251 · EVO / GEVO12	KBB

ABB and other frames replaced by KBB, PBS and Hedemora units. Some replacements need adapting water piping or connection elements – always stated in the quotation.

THE KBB RETROFIT RANGE

ST27 Series – the modern boost · HPR Series – proven reliability · M40 – compact axial potential

RETROFIT ENQUIRIES: INFO@TURBOINTERNACIONAL.COM

100%

INTERCHANGEABLE WHERE APPLICABLE – NO MODIFICATION AT ALL

LOWER

MAINTENANCE COST AND FUEL CONSUMPTION;
REDUCED PARTICULATES, NOX AND CO₂

CURRENT

TECHNOLOGY AND SMARTER DESIGNS FOR EASIER
MAINTENANCE

MULTI-FUEL

DIESEL · HFO · NATURAL GAS · BIOGAS · LANDFILL
GAS

24/7

EMERGENCY RESPONSE,
WORKSHOP AND FIELD

A TECHNICAL TEAM AVAILABLE AROUND THE CLOCK.

A first-class technical team for maintenance, inspections and emergency repairs – in the workshop and wherever the machine operates.

Continuous theoretical and practical training supervised by our veteran technicians, plus regular OEM manufacturer courses.





07 / ON-SITE BALANCING

THE BALANCING BENCH THAT TRAVELS.



07 / ON-SITE BALANCING

BALANCED WHERE IT STANDS.

3

PORTABLE BALANCING MACHINES

We take the machine to the rotor — on board, in port, at anchor or at the plant itself. Vibration is measured before and after.

ON SITE · 1 — 750 KG

WORKSHOP BENCHES · 100 G — 2.000 KG

WORKSHOP CAPABILITIES



INSPECTION

Dimensional inspection

UV crack detection

Casing thickness control

Hardness testing

NDT – dye penetrant,
ultrasonic

REBUILD

Shaft repair

Projection welding

MIG, TIG & conventional
welding

Metal spraying

Laser cladding

CLEANING

Ultrasonic immersion

4,500 and 5,000 L tanks

Micro-blasting

TESTING

Pressure testing

Hydraulic testing

Dynamic balancing

100 g – 2,000 kg

MACHINING

Machining

Turbine blade repair

Heat exchangers

Intercoolers

LOCOMOTIVE FLEETS, KEPT TO SCHEDULE.

Turbochargers for diesel-electric traction — EMD and GE frames among them — overhauled, reconditioned and balanced to the same documented sequence as every other make we handle.



EMD

645 · 710 FRAMES

GE · ALCO

7S FRAMES, ON 251 AND GEVO ENGINES

PLANNED

OVERHAUL SCHEDULED BY RUNNING
HOURS

WHEREVER THE TURBOCHARGER IS.

- TURBO INTERNACIONAL
- PARTNER



12

SERVICE STATIONS

23

PARTNER POINTS

4

CONTINENTS

THE TWELVE SERVICE STATIONS

Our own workshops. Twenty-three partner service points feed work to the nearest of them.

SPAIN

MADRID — HEAD OFFICE

Uranio 33 · 28500 Arganda del Rey · Madrid

ALGECIRAS

Los Guijos 12 · 11206 Algeciras · Cádiz

SANTANDER

Fernández Hontoria 24 · 39610 El Astillero · Cantabria

VALENCIA

Ciutat de Sevilla 49 · Pol. Ind. Fuente del Jarro · 46988 Paterna

AMERICAS

BALBOA

Avda. Emanuel Vergara · Balboa-Ancón · Panama City, Panama

ASUNCIÓN

Av. Defensores del Chaco 1370 · Asunción, Paraguay

TIGRE

Avenida Italia 290 · 1648 Tigre · Buenos Aires, Argentina

MAR DEL PLATA

B/P Mariluz II 889 · B7600 Mar del Plata · Buenos Aires, Argentina

ASIA & MIDDLE EAST

KARACHI

Plot 11/1, Sector 17 · Korangi Industrial Area · 74900 Karachi, Pakistan

LAHORE

Kot Bagh Ali, Plot Bhata Pind · 10-KM Raiwind Road · 54000 Lahore, Pakistan

DHAKA

Holding 113, Chondalvogue (Diabari) · P.S. Turag, Uttara · Dhaka, Bangladesh

GARMSAR

Pajuohesh 5 corner, East Amuzesh · Garmsar Industrial Park

24/7 +34 91 872 01 81 · INFO@TURBOINTERNACIONAL.COM

DOCUMENTED FROM THE FIRST STEP TO THE LAST.

From the initial stage of any maintenance or repair through to delivery, our team keeps a documented control of every step – that is what lets us trace the root cause of any future incident.

Q.01

RECEPTION & IDENTIFICATION

Model, serial number and as-received condition logged.

Q.02

INSPECTION & MEASUREMENTS

Full dimensional check plus NDT: dye penetrant, ultrasonic, hardness.

Q.03

REPAIR & BALANCING

Components recovered or replaced; rotor balanced and verified.

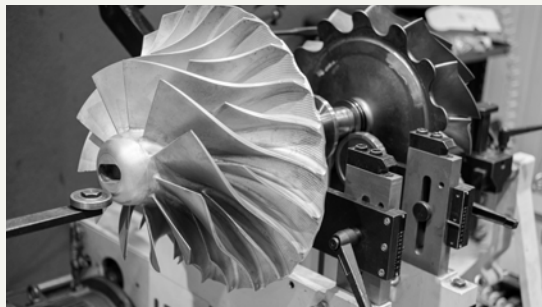
THE PROCESS CONTINUES >



Q.04

FINAL TEST & REPORT

Service report with measurements, photographs and warranty.



Q.05

WARRANTY

12 months on supplies, repairs and services; terms stated in each quotation.

12 months

WARRANTY ON ALL SUPPLIES, REPAIRS AND SERVICES

- › Every service report carries the measurements and photographs taken at each step.
- › Balancing machines and test instruments calibrated and certified annually to ISO standards.



12 / SUSTAINABILITY

**THE MOST SUSTAINABLE PART
IS THE ONE YOU DON'T REPLACE.**

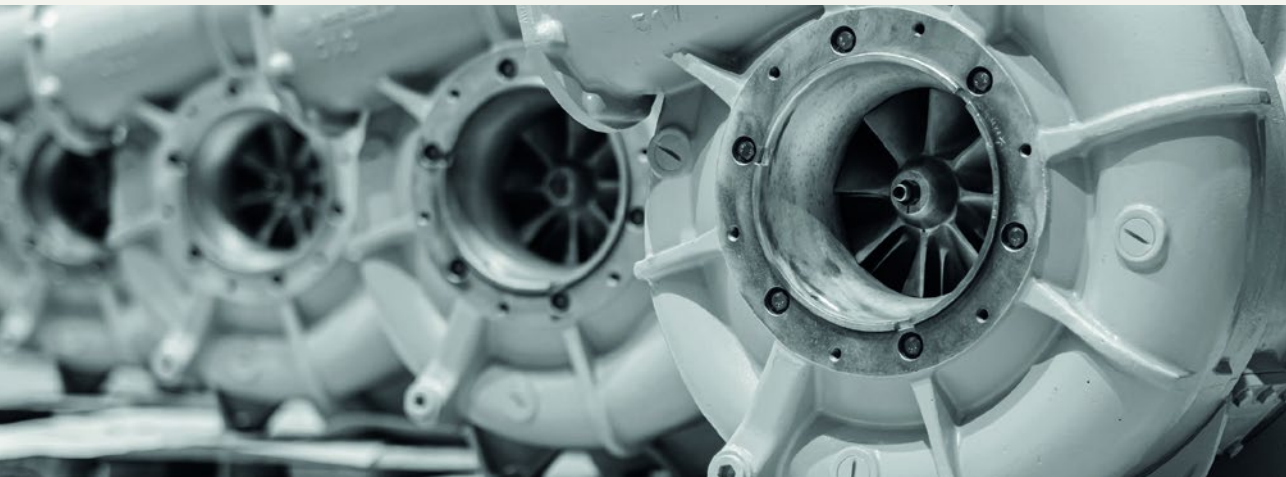
Our commitment is not a statement: it is how a turbocharger workshop earns its living. Recovering a component keeps it in service — and a turbocharger kept in tune protects the engine behind it.

RECONDITION

Shaft · casing · nozzle ring — recovered to specification.

EXTEND SERVICE LIFE

Fuel consumption, exhaust temperatures and reliability all depend on the turbocharger.



CERTIFIED AND AUDITED

Independently certified, and registered where our customers buy.



ISO 9001 & ISO 14001

ES156066-1 · ES156065-1

Quality and environmental management, certified by Bureau Veritas



KBB AUTHORISED TECHNICAL SERVICE

Overhauls and original parts, with factory training and direct support



HEDEMORA AUTHORISED SERVICE PARTNER

HS series, HS4800 to HS7800



GARRETT AUTHORISED SERVICE CENTRE

Marine & Energy Group



EMISA

Member



IMPA

Member



SHIPSERV TRADENET

NO. 73071

Registered supplier

CERTIFICATES ON REQUEST

CONTACT

TALK TO THE HEAD OFFICE

HEAD OFFICE

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WEB

www.turbointernacional.com

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SERVICE
STATIONS

23

PARTNER
POINTS

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CONTINENTS

TURBO REPARACIÓN Y MANTENIMIENTO INTERNACIONAL, S.L. · VAT ESB84654722





SCAN OUR CONTACT DETAILS

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