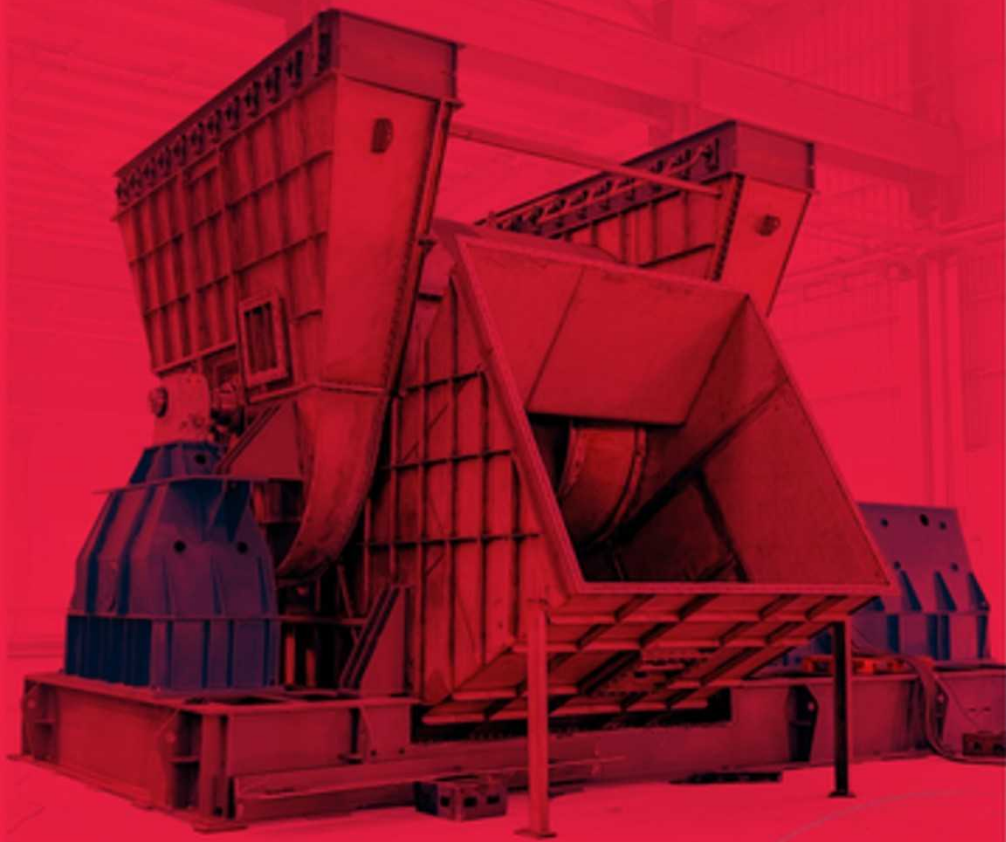


We Move Air and Us!



SCAN TO UNLOCK
YOUR FAN POTENTIAL



Standing Beside You, Driving Success



Your Trusted Advisor



James Wong

General Manager

Reitz South East Asia Pte Ltd

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Techplace II, Singapore 569874

+65 8786 2846

jw@reitz.com.sg



International Offices

Reitz India Limited

116 & 117, Pashamylaram
Patancheru, Hyderabad
Telangana – 502 307 India

Reitz Holding GmbH & Co. KG

Konrad-Reitz-Straße 1
37671 Höxter Germany

Reitz Middle East FZE.

X-4 Building, 32 Sharjah
Airport International Free Zone
P.O.Box No. 9383 Sharjah, U.A.E

Reitz Fans (Suzhou) Co., Ltd.

No. 15 Jianpu Road SIP Suzhou
PRC Zip Code: 215127 China

Reitz Ventiladores Brasil Ltda.

Av. Marcos Aurélio Magro, 86,
Distrito Industrial 02 Sertãozinho/SP
CEP 14175-344 Brazil

Rina Fans LLC (USA)

190 North Farm RD, Middlebury
CT 06762-1415, Middlebury
United States



Diversity and stable quality worldwide. This is what we stand for. Founded in 1948 by Konrad Reitz, the company has built a lasting legacy in engineering excellence. Today, Reitz manufacture high-efficiency **Centrifugal Fans** to all process industries, offering capacities from **2 kW to 12,000 kW and impeller diameters from 500 mm to 6,000 mm.** Reitz's manufacturing facilities in Germany, India, & China certified to **ISO 9001:2015, ISO 14001:2015, and OHSAS 45001:2018.** As a globally positioned group of companies, we support our customers in all economic regions of the world with **engineering made in Germany**, consistent product quality and comprehensive services. For more information, visit www.reitz-group.com



Reitz South East Asia Pte Ltd (RSEA)

Established in 2009, RSEA serves as the **Regional Sales Office for Southeast Asia** from its base in Singapore. A wholly-owned subsidiary of Reitz India Limited, RSEA strengthens the Group's presence in ASEAN by staying close to customers, promoting the Reitz brand, and supporting market development across major process industries. As the **primary point of contact for customers across Southeast Asia**, RSEA provides **comprehensive solutions for New Fan equipment, Aftermarket Spares Supply and Retrofit Solutions**, with support from the Group's three main manufacturing facilities in Germany, India, and China. With strong regional understanding and direct access to global engineering expertise, RSEA ensures **responsive support and long-term value** for customers throughout the region.



Employees worldwide

1,000+

Turnover in €

130 Mill.

Global Reach (countries)

62+

Customers worldwide

2,400+

Fans produced per year

12,000+

Total Service hours

800,000+

Reitz Group Facts & Figures – from year 2023

Reitz India Limited (RIL), Hyderabad, India

Reitz India Limited is one of the leading industrial fan manufacturers based in Hyderabad, India. RIL is a joint venture between Konrad Reitz Ventilatoren GmbH, Germany, and Reitz India. **Since 1998, RIL has supplied over 49,000 fans** from its state-of-the-art manufacturing facilities (35,000 m²) to major process industries worldwide. It is one of the **Group's key manufacturing centres, serving as the primary technical and production backbone supporting Reitz South East Asia.** Visit www.reitzindia.com for more details.

Our Journey to Serve You Better



1948



Konrad Reitz founded Reitz Group in Germany. Over the decades, the company grew into a global player in the industrial fan market



1998



Reitz Turbovent established in India, a Indo-German Joint-Venture between Reitz Ventilatoren GmbH, Germany and India promoters



1999

Production facility was set up with Plant I with an area of 5,000 sqm and a workforce of 80 people

2001

Reitz Turbovent renamed as Reitz India Ltd



2006

Partnering with HEMAIR to use their production facility, area of 2,000 sqm and a workforce of 60 people

2007

Setting up of Reitz India – Plant II with an area of 4,000 sqm and a work force of 100.



2008

Reitz India produced and supplied its 10,000th Fan.

2016

Reitz India produced and supplied its 25,000th Fan. The philosophy of "Global Engineering, Local Production" guarantees the uniform quality standards of manufacturing facilities in Germany, India, China etc.

2014

Reitz India produced and supplied its 20,000th Fan.

2011

Reitz India produced and supplied its 15,000th Fan.

2009

Reitz South East Asia Pte Ltd established as Regional Office to serve our South East Asia Customers.

2018

Additional production capacity of 1600 sqm added.

2019

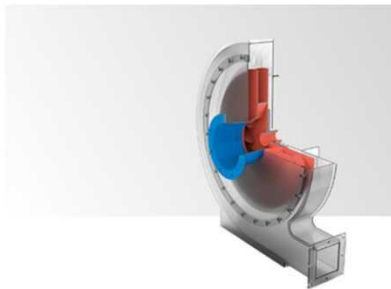
Reitz India's new Corporate Office set up. Reached milestone of producing and supplying over 32,000 fans.

2022

Plant II has been exclusively leased under Reitz Cherial factory, with addition of an exclusive manufacturing partner in Vijayawada - SSI Fans. Reitz India has delivered 36,000 fans till date.

2024

Reitz India has doubled its capacity, expanding its facility to about 35,000 sqm. In November, the company also launched RINA Fans LLC, its fully owned subsidiary in the USA.



"We believe in the power of collaboration and cultivate long-term relationships with our customers. Through transparent communication and joint commitment, we create a win-win situation for everyone involved."



At the Heart of Industrial Performance



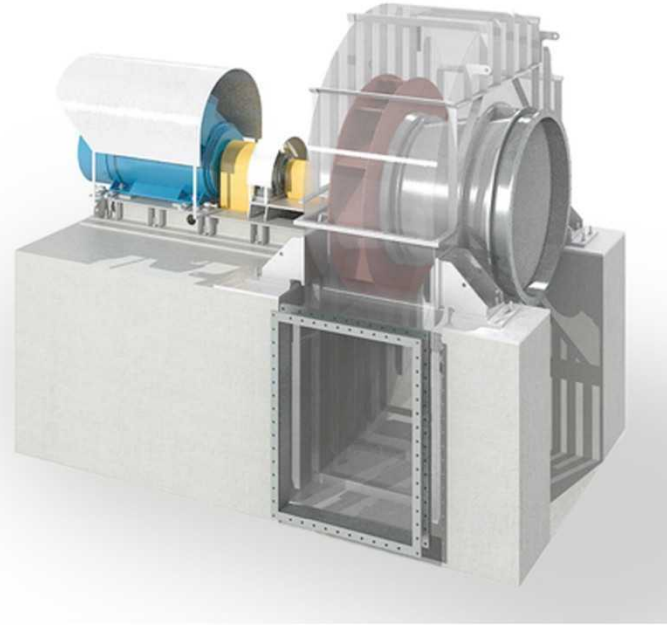
Up to 12,000 kW – Fan power proven across global industries :

- Cement industry
- Power and Steel industry
- Chemical industry
- Petrochemical plants/ Refineries
- Plastic production and processing plants
- Fertilizer plants
- Agricultural chemistry industry
- Waste incineration plants
- Environmental engineering industry
- Metallurgy industry
- Glass industry
- Textile industry
- Synthetic - fiber production plants
- Sewage plants
- Sugar industry
- Food industry
- Panel MDF/ Timber industry
- Drying plants
- Pharmaceutical industry
- Paper and pulp industry
- Lime and Gypsum industry
- Machine construction industry
- Electrical industry
- Automotive engineering industry
- Metal and mineral processing industry
- Transport industry & many others

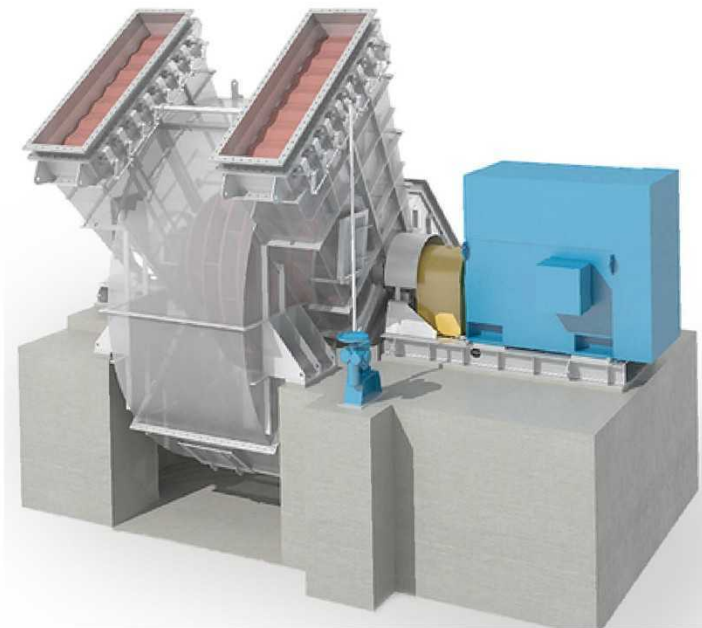


Engineered for Performance

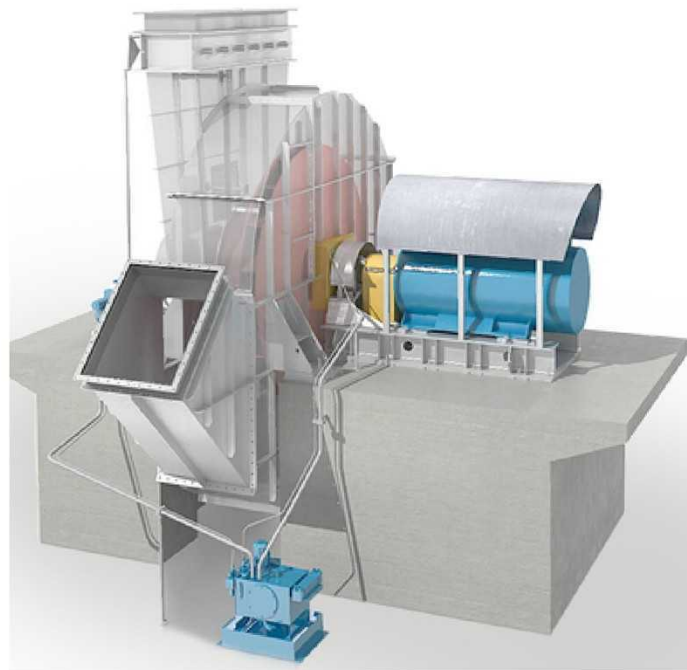
Our broad product range includes a variety of construction types, design variants and equipment options. Each fan is individually designed according to your industry-specific requirements and equipped with all the options you need for reliable and perfect operation.



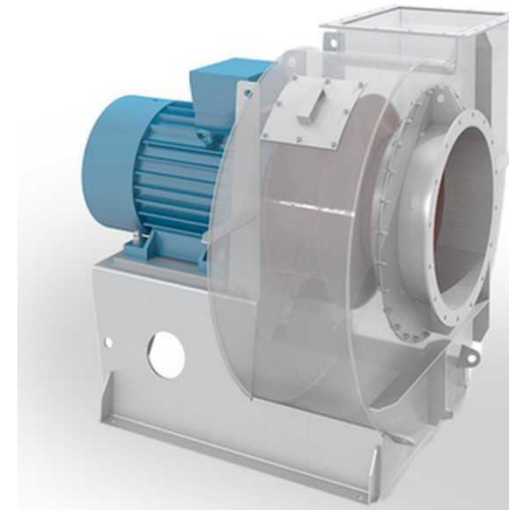
KBE Design



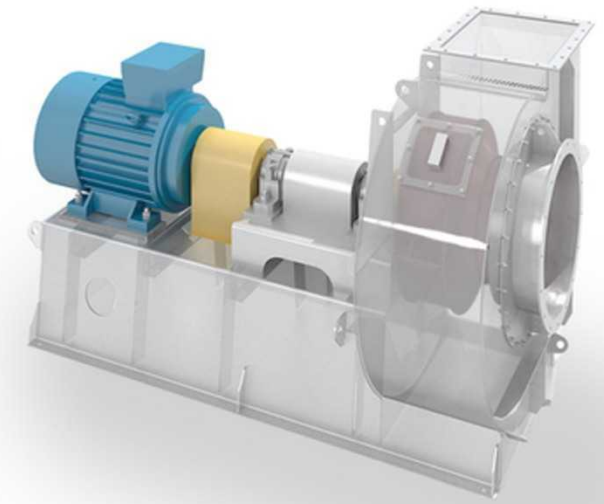
KBZ Design



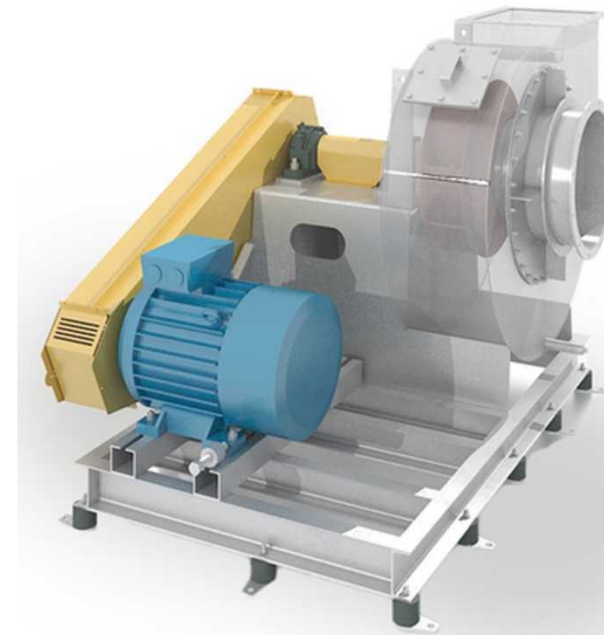
KBA Design



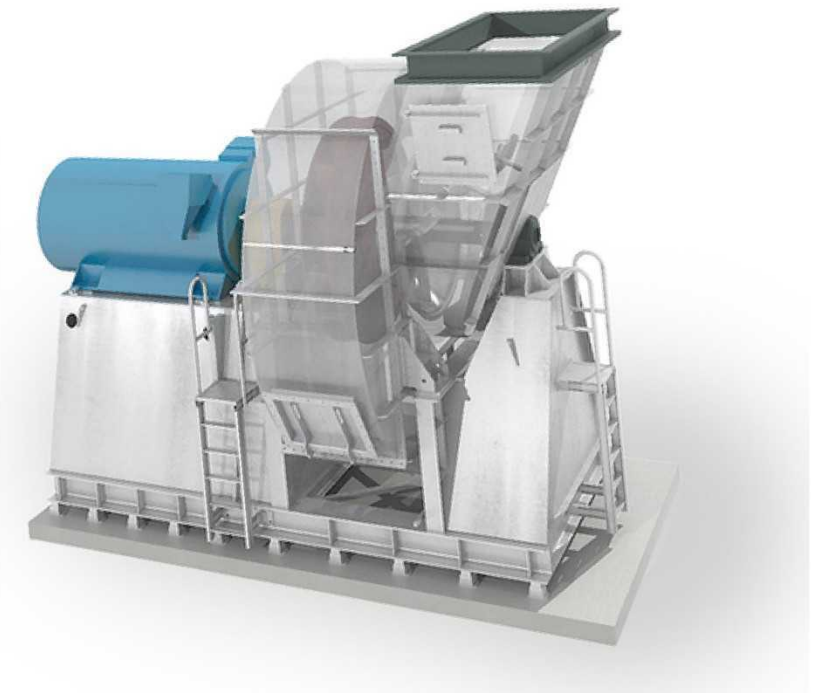
MXE Design



KXE Design



RGE Design



KXA Design

Our fan technology combines an exceptional price-performance ratio with a versatile, modular product platform. Each centrifugal fan can be tailored to your requirements, with selectable drive systems, advanced sound-insulation options, and a full range of engineered accessories to meet the demands of any industrial application.

The Reitz Way of Engineering



Engineering Capabilities

“We'll take care of it” is more than just a token expression of Reitz - it is part of the company's culture. We engage early, analyse requirements thoroughly, contribute structured technical insights, and collaborate closely through every stage — from pre-engineering to final coordination. The **technical design of our fans** is based on **DIN 24166**, and we also meet the requirements of numerous international and industry-specific regulations and standards.

Fan Performance Range

CRITERIA	MINIMUM	MAXIMUM
 Pressure	100 mm WC	3150mm WC (Single stage) 5600mm WC (Dual stage)
 Volume	350 m³/hr	2,800,000 m³/hr
 Temperature	-40°C	500°C
 kW	2	12,000
 Efficiency		up to 89% (Approx)



Material Selection



- SA 516 Grade 60/70 (NACE Compliant)
- S690 QL & S890 QL
- Stainless Steel (SS304, SS316/L, SS316Ti)
- Duplex & Super Duplex SS
- Titanium
- Innovative wear protection technology such as: ECTFE Coating, Chromium Carbide, Tungsten Carbide, Hard Facing, FRP lining, Rubber lining

Construction

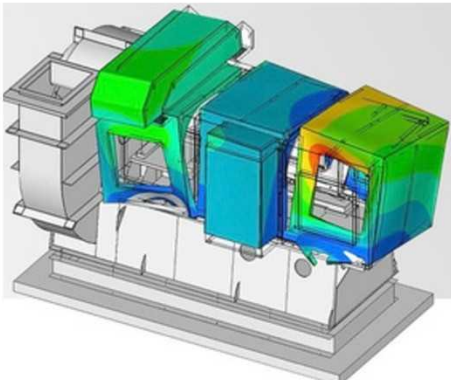
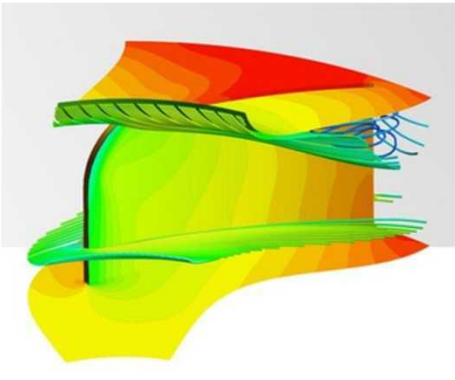
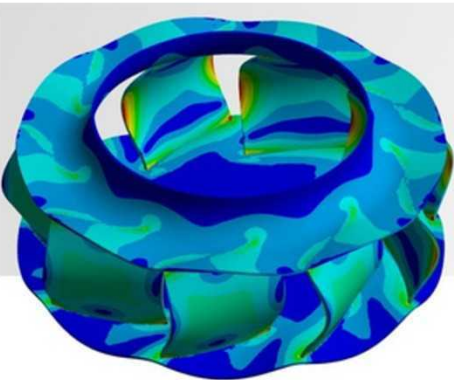
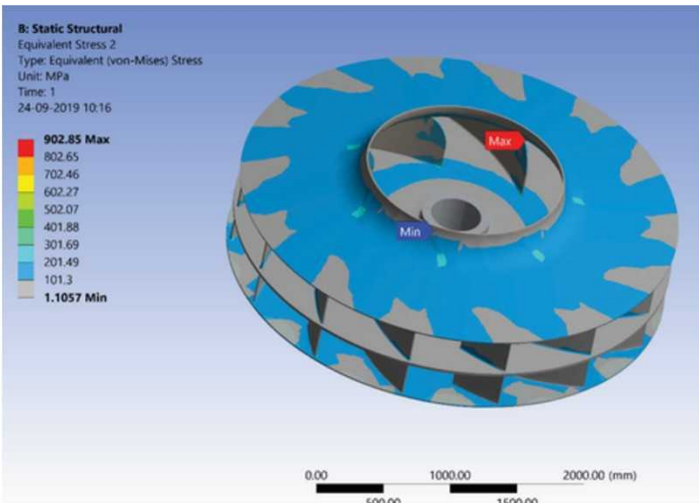


- CE Marking
- Gas-, Liquid-, Dust-tight design
- ATEX Explosion-Protected
- API 673/560 Compliant
- Dual Driven Fans
- Hygienic Design options
- Corrosion protection
- Pressure shock-reisistant design up to 10bar
- Special design against harsh conditions & High temperature reistance

Design Validation

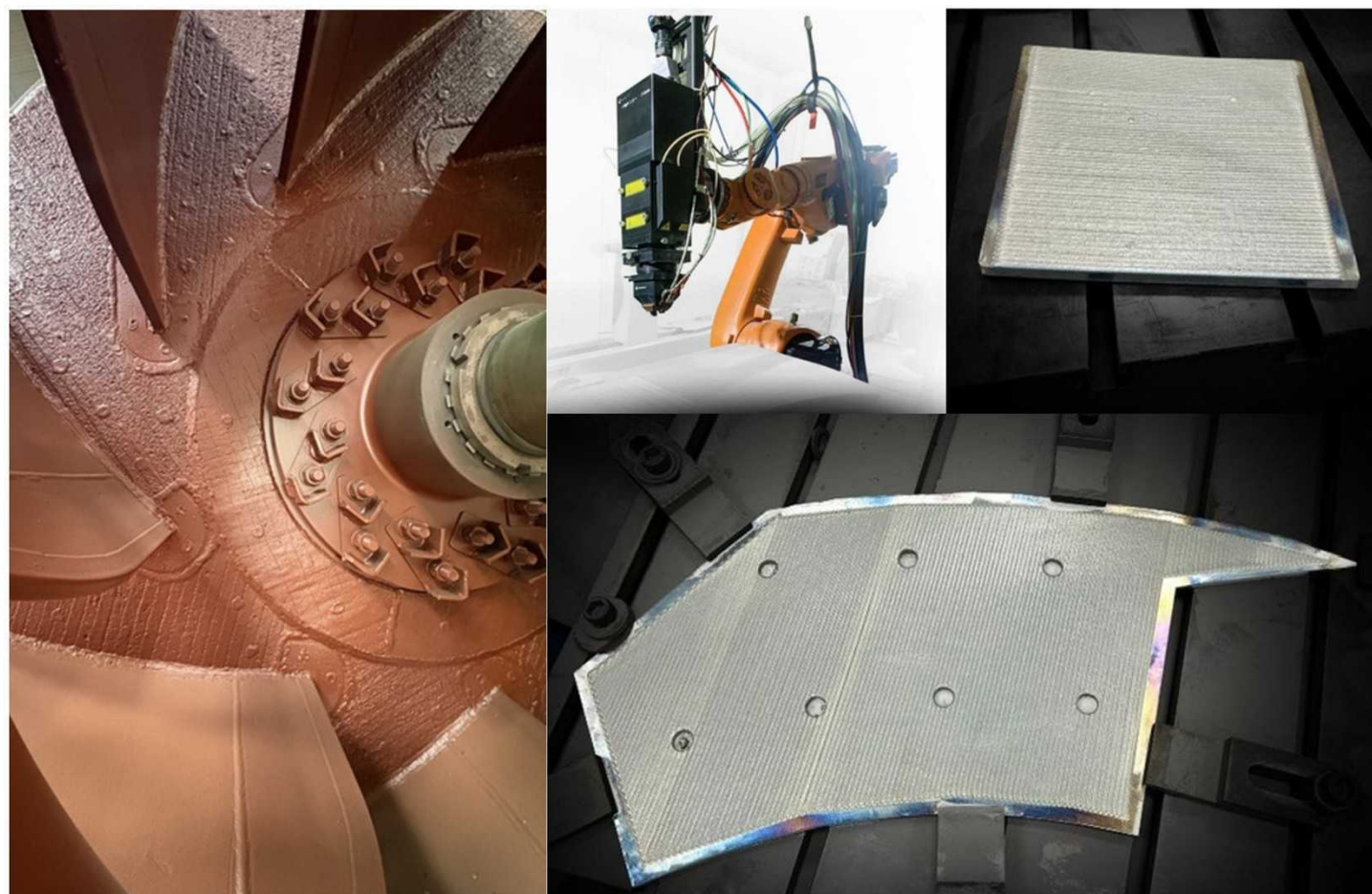


- Finite Element Analysis
- CFD Analysis
- Torsional Analysis
- Calculations - seismic safety, Strength verifications & others



Defying Build-up, Withstanding Wear

Our fans are engineered to **withstand** the most demanding wear and tear conditions across industries such as Cement, Steel, Fertilisers, Petrochemicals, Glass, Pulp & Paper etc.



Through continuous development of high-efficiency process fan designs, expertise in overlay welding and the use of **advanced wear-resistant materials** such as Tungsten Carbide, Chromium Carbide or Inconel, we deliver superior protection against abrasive media like cement clinkers, fly-ash, and dust, as well as corrosive elements such as sulfur and moisture.



- High-pressure fans (>300 mbar)
- Fan designs for high outside temperature up to 900°C
- Pressure shock resistant fans (up to 10,000 mbar)
- Gas-tight construction of stainless steel and carbon steel
- Fans with special wear protected process fans with dual drive and overrunning clutches

Perfectly equipped to handle unusual assignments - Specially designed fans from Reitz

Supported by robust construction, meticulous material selection, and specialized surface treatments, our fans offer exceptional abrasion resistance, extended service life, and reduced downtime, providing a reliable and durable solution for operations facing accelerated wear.



For a Lifetime - Reitz Retrofit

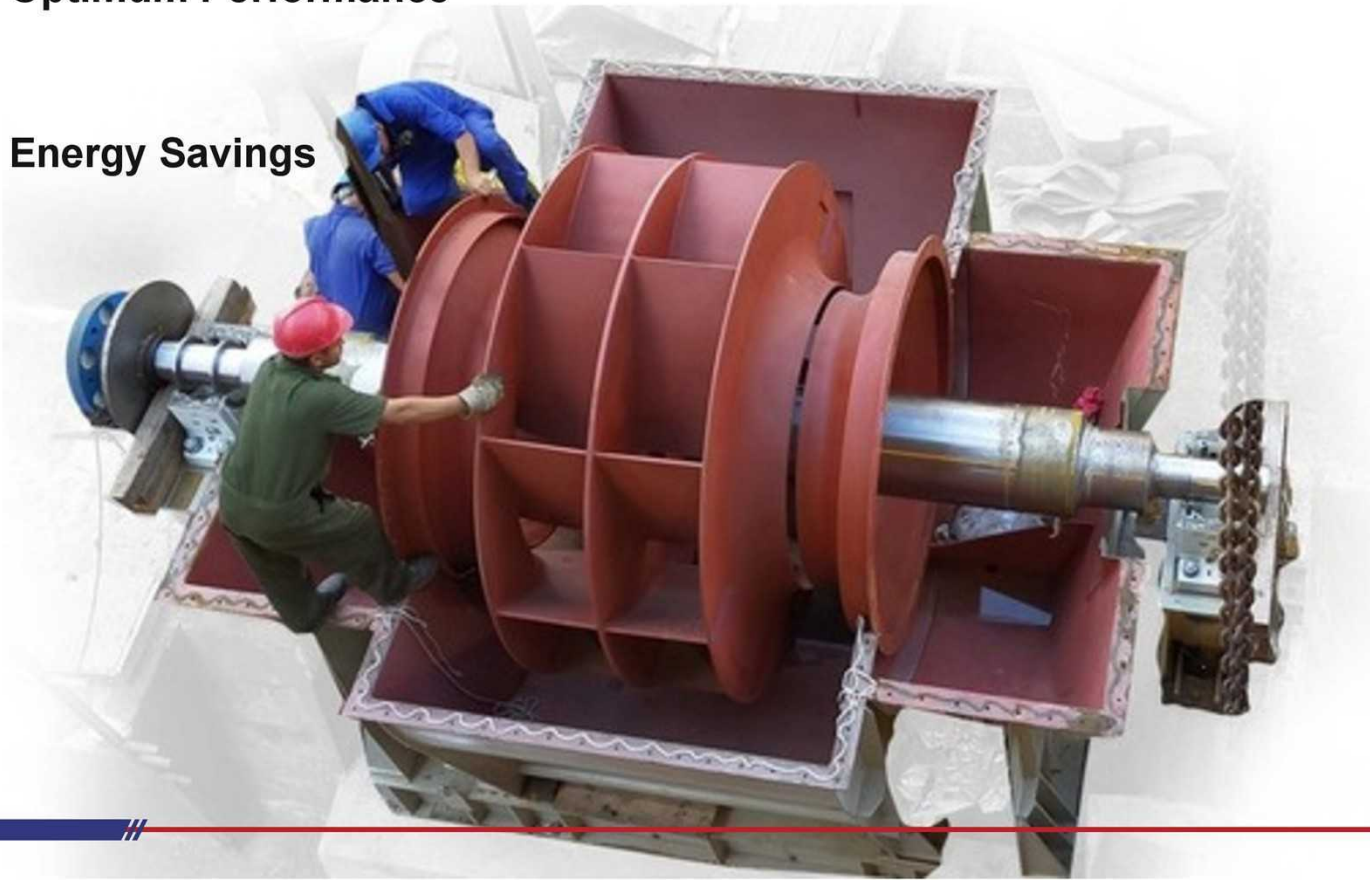


Enhancing the performance and efficiency of your industrial fans and accessories is essential for seamless operations. With some simple measures, Reitz Retrofit effectively increases the productivity and energy efficiency of your entire plant.

Our innovative **Reitz Retrofit™** solutions that drive effective performance.

Why industries need Reitz RETROFIT?

-  **Increased Reliability**
-  **Increased Operational Efficiency**
-  **Reduced Cost**
-  **Optimum Performance**
-  **Energy Savings**



Reitz Retrofit™

can help in multiple scenarios such as:

-  Situation 1 : The existing fan is not an efficient one perhaps due to difference between design and actual parameters. Retrofitting helps with little modification in impeller, **by trimming or by tipping**, that gap can be closed with minimum expenditure.
-  Situation 2 : If solution 1 doesn't suffice then to meet the expected requirement of flow and pressure, **the old impeller can be retrofitted with Reitz designed solution**. This way, the investment required and the payback period will be minimum.
-  Situation 3 : If changing of just the impeller is not enough, we will retrofit it with a completely new fan by **mounting the same on existing foundation**.



Client: **DANGOTE CEMENT**
Senegal SA - Senegal

Application: Preheater ID Fan

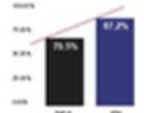
Components replaced:
Impeller, Shaft & Inlet Cone

Reason for retrofitting:
Improving Efficiency, power saving and increasing capacity

	BEFORE	AFTER
Flow	552,000 m3/Hr	552,000 m3/Hr
Static Pressure	748 mm WG	734 mm WG
Power	1594 kW	1316 kW
Fan Speed	990 rpm	980 rpm

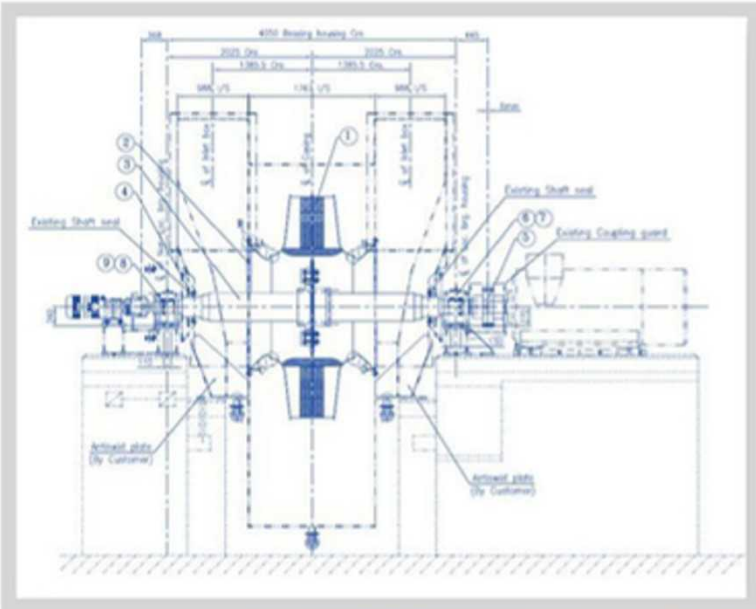


Efficiency



There is a power saving of 278 kW after retrofitting





Example -
Significant cost savings with quick ROI less than 2 years, your fan will be more efficient and durable than before!



Certified to the highest standards

We at Reitz take special pride in the exceptional robustness and long life of our fans. In order to ensure that these qualities remain constant in the future, we are building on two sturdy pillars:

- Vertical Integration
- Quality Management

We know every single part- vertical integration, our style

To put the Reitz philosophy of sustainable quality into practice, we place significant emphasis on executing every work step within our own manufacturing facilities.

The Nodi spinning machine further strengthens this approach by delivering state-of-the-art impellers with superior conformity to aerodynamic profiles.

To support this commitment, we have expanded our production footprint — the combined manufacturing area across all units now exceeds 35,000 sqm. Equipped with cutting-edge technologies ranging from high-density plasma cutting to carefully controlled painting processes, our facilities lay the foundation for producing the high-performance Reitz fans worldwide.



Meticulous inspection - Reitz quality assurance

Our Quality Management is regularly certified, particularly in accordance with ISO9001. Moreover, we have full certification according to international norms and standards for the most important areas: welding, non-destructive testing, safety, health, environment and many more.

Other important building blocks for Reitz's quality assurance:

- **Materials catered to applications** - Careful selection made by our experts on standard and special materials.
- **Endurance tests** - Impeller balancing in two planes for smooth running and long lifespan, finite element computations for checking stresses of components subject to dynamic load can be done at our workshop, on special request. Non-destructive testing (NDT) for cracks using dye penetration tests & vibration analysis.
- **No load and performance testing** - Using the in-house test bench for power values up to 400 kW. Using external power generators fan testing with higher power values can be accomplished by extrapolation.



Reitz Manufacturing Approach

As a leading manufacturer of industrial fans, we place the highest value on outstanding quality in every step of our production process. We continuously invest in training and education to ensure that our team is always familiar with the latest technologies and production methods.



Manufacturing with optimal degree of efficiency

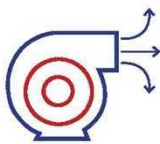


Invest in technology – empowered with **maximum Precision & Consistency**

- NODI Machine for **highest Aerodynamic Accuracy** & repeatability
- Laser Cut Machine & Robotic Laser Cladding for **hard facing**
- Fully Automatic CNC Spinning Machine
- Severt Welding Positioner – L Type – 6 axis



Build high capacity process fans - **up to 12,000 kW & efficiency up to 89%!**



Superior grade fans for high pressure and efficiency - up to **2,800,000 m³/hr flow!**



Robust in-house testing through an R&D approach.
• **DIN EN ISO 5801 standards**



Qualified & Experienced Welders with an average 12 years of experience.
• **Welding Certification – DIN ISO IS 3834-2**



Static & Dynamic Balancing
for impeller up to 25 tons



10 metre Lathe Machine

Manufacturing Capabilities

State-of-the-art, large-scale production facility for advanced industrial fabrication, capable of processing material thicknesses from 1 mm to 70 mm.

Equipped with best-in-class infrastructure, the plant supports the fabrication of heavy-duty machinery and high-integrity engineered components.

With a **built-up area of over 35,000 sqm**, Reitz's shop floor incorporates **sophisticated manufacturing technology** dedicated to producing high-performance industrial fans.

NODI Spinning Machines



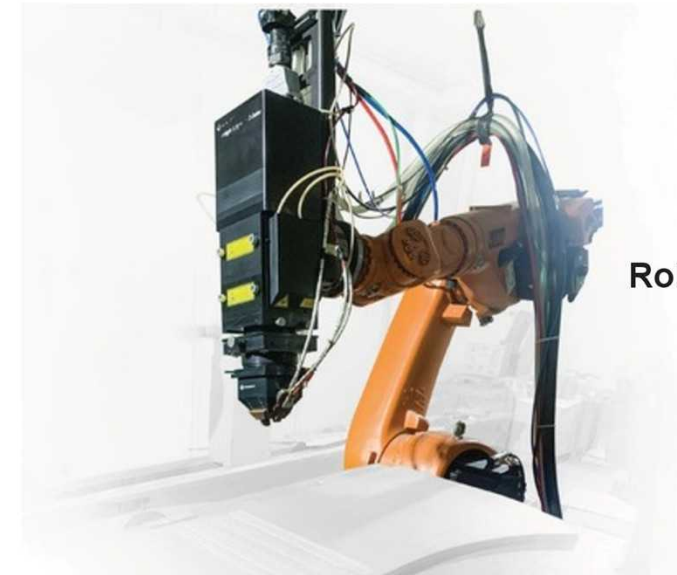
Laser Cutting Machines



**Severt Welding
Positioners - L Type - 6 axis**



Robotic Laser Cladding Machines



EWM Welding Machines



Fan Testing Capabilities



Our state-of-the-art test rig complies with the demanding **DIN EN ISO 5801 standards** to ensure that the performance of our fans is measured in accordance with international standards. Our testing protocol involves a comprehensive examination of fans, utilizing a shop floor motor of up to 400 KW to assess aspects like paint thickness, flow, static pressure, and alignment.



Additionally, our mechanical run test rigorously evaluates fan RPM, supported by the **Reitz Fans Smart Sensor**, which monitors tri-axial vibration, temperature, and noise levels. This rigorous process ensures that each fan operates for a minimum of one hour, allowing for a thorough evaluation of both mechanical and aerodynamic performance. By providing us with critical information regarding critical parameters, our Smart Sensor technology—integrated and installed on the motor or bearing housing—ensures that our products satisfy the **highest standards of functionality and quality**.



Right where you need us!



Field Service

As a plant operator, you face increasing demands – from **increasing productivity** and complex requirements to **ensuring smooth plant operation**. We support you with our services, turning every challenge into an opportunity for **mutual success**.



Onsite installation, Supervision & Testing Services



Maintenance, Inspections, Upgrade & Repair Services



Onsite Fan Audits, Performance checks



Onsite Troubleshooting, root cause analysis



Retrofitting - Adapting to changing operating conditions requirements



Person on the right: Mr. Arup Kumar Ghosh, Senior Field Service Manager, Reitz India — bringing over 20 years of field expertise and hands-on experience with more than 2,000 fan installations worldwide.



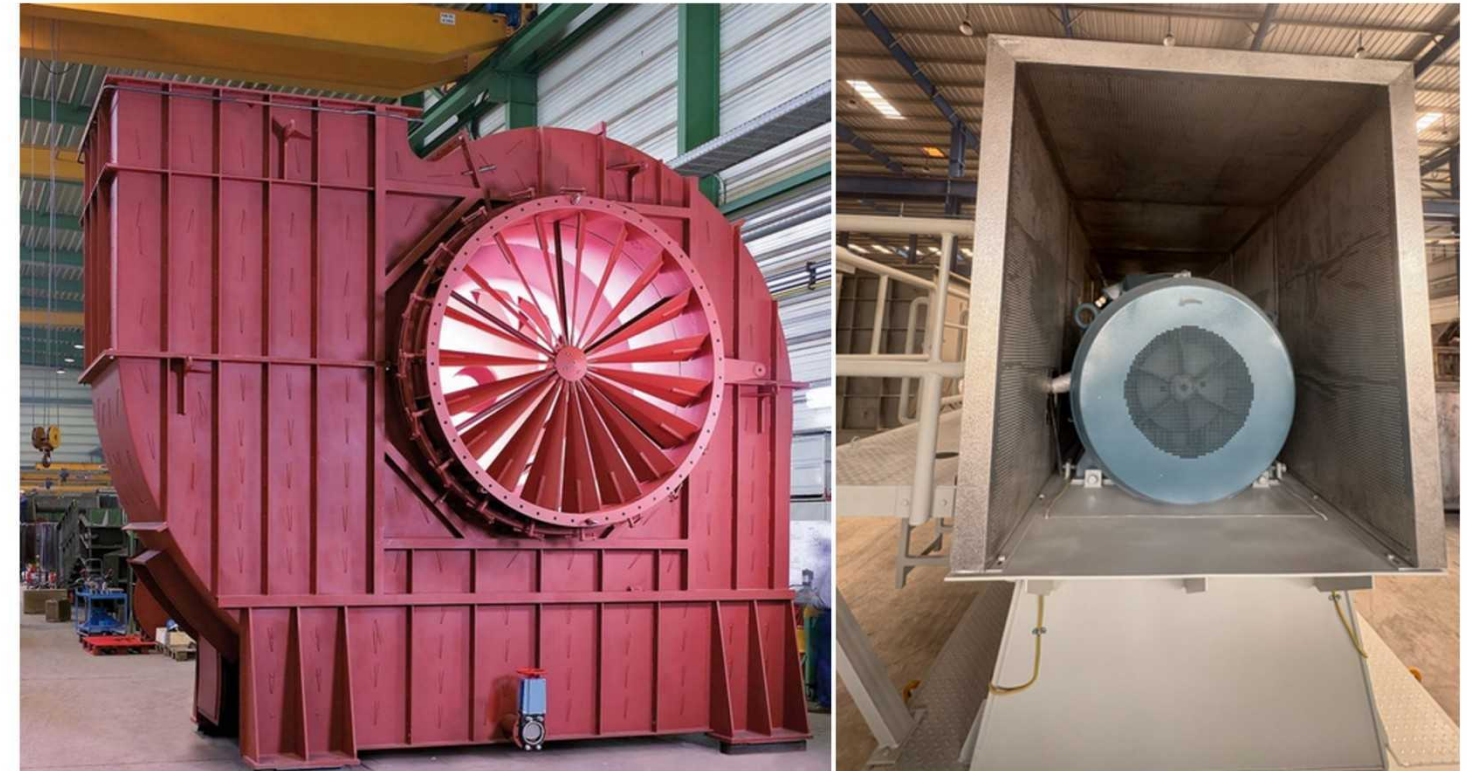
Sound insulation and Accessories

Innovative sound insulation technologies and high-quality accessories. Our soundproofing solutions minimize the noise level of your system and ensure a quiet and safe working environment. Details make the difference. Here you will find a selection of additional components that are tailored to your wishes and requirements.

Anything but trivial - Accessories from Reitz.

It is an advantage to be well-equipped for special assignments. The diversity of our fan accessories makes it possible to produce customized equipment of the highest technical standard.

Louver dampers, Inlet guide vanes, Transition pieces, Flexible connections, Anti-vibration mounts (rubber/spring type), Filters, Inlet nozzles, Piezometric flow meters, Suction boxes, Inching drive systems, Variable speed drive systems, Lubrication systems for bearings etc.



Peace and quiet for workers and the environment - Sound insulation made to order.

- Silencers with baffles
- Tubular silencers
- Housing insulation
- Noise-protection cabins



Creating New Momentum, Together

Thankfully, you can rely on Reitz.

We consistently stand alongside you. With decades of engineering know-how, a world-class team of experts, and the commitment of a partner you can trust, we look forward to engaging with you.

Always there for you!

 +65 8786 2846  Jw@reitz.com.sg

 [company/reitz-southeast-asia/](https://www.linkedin.com/company/reitz-southeast-asia/)