



INDUSTRIAL FANS FOR THE STEEL INDUSTRY

POLLRICH is a leading manufacturer of heavy-duty industrial fans, based in Germany. Having longstanding experience in steel and iron plants all over the world, we provide state-of-the-art industrial fans for the rough condition. For the various applications in the steel and iron making process, we offer many different types of fans and blowers.

Our competent service team is your reliable partner for all questions regarding maintenance, repair and retrofit of existing plants and helps to reduce standstill to a minimum.

The main challenges for industrial fans in the steel production process are high and changing temperatures, high dust loads, high speeds and wearing media. These extreme process conditions require a lot of experience in fan construction.

We offer energy-efficient, high-performance centrifugal fans, tailor-made for the roughest environments. Our fans are applicable in blast furnaces, converter dedusting plants, sinter plants, dedusting systems and many more.

Our fan service:

- Competent and reliable 24/7 service worldwide
- Retrofit, maintenance and repair for own and third-party products

POLLRICH Quality:

- Wear protection
- Gas tightness
- Explosion protection
- Low-maintenance and longevity
- Expert knowledge since 1906



Always there, where they are needed: Our skilled and experienced service-team is on duty worldwide.



Industrial fans for the steel and iron industry have to withstand high temperatures and work under the hardest conditions.

In the steel production process, heaviest duty execution for the rough environment has to be combined with high efficiency and runability.

Main focus, beside sinter-dust blowers, are converter-gas fans with permanent water injection and tip speeds exceeding 230 m/s at impeller diameters of 3.90 m and more, which define the highest possible level of fan technology.

A well thought-through design of the industrial fans, combined with a fast and reliable service, helps the plant operator to lessen shutdown periods, reduce energy costs and ensures a safe and reliable production.

For more than 112 years, POLLRICH is closely linked to the steel and iron industry and is well versed in its particular requirements regarding efficiency, availability and performance of process fans.

Our fans for the steel and iron industry include:

- Pressure blowers
- Combustion air fans
- Converter gas fans
- ID-fans
- Exhaust fans
- Cooling air fans
- Sinter gas fans
- Dedusting fans
- Recirculation fans



Converter gas fan with 3.9 m diameter, made from high-end stainless steel, operated at 230 m/s with continuous water injection.



Fan for sinter dedusting, 4.0 m impeller diameter, double inlet and equipped with carbide wear protection. Shaft power 7.500 KW.

