



## INDUSTRIAL FANS FOR THE PULP AND PAPER INDUSTRY

POLLRICH is a leading manufacturer of heavy-duty industrial fans, based in Germany. Being market leader in the furnishing of paper machines with industrial fans and blowers and having more than 112 years of experience with the requirements of the pulp and paper industry, we supply industrial fans for various applications in the paper, cardboard and tissue making process.

Energy saving is a huge topic in the paper industry, for economical as well as for ecological reasons. Our fans are energy-efficiently designed, which lowers the energy consumption and thus increases the productivity of the whole plant significantly. Even at high temperatures and high humidity rates, our fans run safe and reliable.

In the pulp and paper production process, industrial fans are used in various applications, i.e. plug-in units in the hoods or for heat recovery, ventilation, dedusting or edge-trim. Our fans are used within the separation of fibre, the bleaching process and the paper making process.

### We offer:

- Tailor-made centrifugal fans for the roughest conditions
- Energy-efficient and high-performance fans
- Fast reaction due to special control system
- Competent and reliable 24/7 service worldwide

### POLLRICH Quality:

- Stainless steel or aluminum fans
- Painted or coated fans
- Explosion protected fans according ATEX
- Plug-in fans
- Transport- and cutter-fans



With energy-efficient fans and blowers, the overall energy consumption of the plant is lowered significantly.



The paper making process with its heat and humidity requires state-of-the-art industrial fans and blowers.

One of the main applications of industrial fans and blowers in the paper production process is drying. Process temperatures in the drying hoods exceeding 500°C at high humidity levels require high-temperature resistant, robust and corrosion-resistant impeller designs. A blockage-free material guidance and vibration insensible bearing design is also understood.

The exhaust air capacity of the paper machine hoods is closely linked to the productivity of the whole paper making process. With energy-efficient centrifugal fans, the hood capacity is easily increased.

Transport- and cutter-fans (edge-trim fans) are used for suction and shredding of paper trims before conveying them to the waste paper disposal process.

**We supply fans for:**

- Paper machine hoods
- Drying
- Ventilation
- Dedusting
- Edge-trim devices

