

## INNOVATIONS



We specialize in the manufacture of centrifugal and axial-flow fans for virtually any application. Each of our products embodies outstanding technology. TLT fans are proven under the harshest and most difficult service conditions imaginable, all over the world.

### **An impressive success story::**

January 8th, 1900 pioneer industrialist Benno Schilde obtains permission to affix the "Schilder" trademark to goods manufactured and marketed out of his mechanical engineering and process equipment factory located at Hersfeld in the Nassau district.

As of this date, his fans, exhaustors and water meters are produced and shipped all over the globe under this name, protected by a certificate issued by the Imperial Patent Office in Berlin under No. 41664, file ref. Sch 3704, Class 4.

To this day, customers worldwide have been benefiting from technical progress delivered to them by the former BSH-AG which, as TROX-TLT GmbH, continues to supply innovative, premium-quality engineering products such as industrial centrifugal fans and axial impulse fans to a demanding clientele. TLT - a world of brilliant ideas.

### **Inventions and innovations made by people - in joint enterprise::**

In the early 1970s, a collaboration of experts from various professional fields led to an important invention without which today's standards of building safety would be inconceivable.

It started with a smouldering fire in a PVC film manufacturing shop. The fire, amidst billowing clouds, gave rise to the formation of hydrochloric acid vapours which destroyed all film manufacturing equipment at the site. The damage was assessed at several millions. It was then that the works fire brigade resolved to talk to the specialists at TLT (then BSH).

The result was a fan developed specifically for the purpose of extracting noxious smoke and fumes quickly and reliably, while resisting temperatures of over 600°C for at least two hours. The smoke exhaust fan was born. TLT - a world of brilliant ideas.