



# CONTINENTAL INDUSTRIE

CENTRIFUGAL BLOWERS AND EXHAUSTERS



SINGLE STAGE TURBOCOMPRESSOR

# Experts in fluid technology

Continental Industrie Blowers are a benchmark in reliability and efficiency in air and gas applications.

With more than 40 years of experience in research, development and manufacturing of centrifugal blowers and exhausters and more than thirty thousand machines installed, Continental Industrie Blowers and Exhausters are the symbol of reliability and confidence for continuous duty and extremely rugged service.



## Waste water treatment

Continental Industrie has always been active in wastewater aeration and has so far used multi-stage centrifugal blowers to enrich contaminated water - for example in flotation basins - with oxygen. In some wastewater treatment systems, the pulsation-free and oil-free operation of this blower technology is highly appreciated, as it operates below a sound pressure level of 85 dB (A).



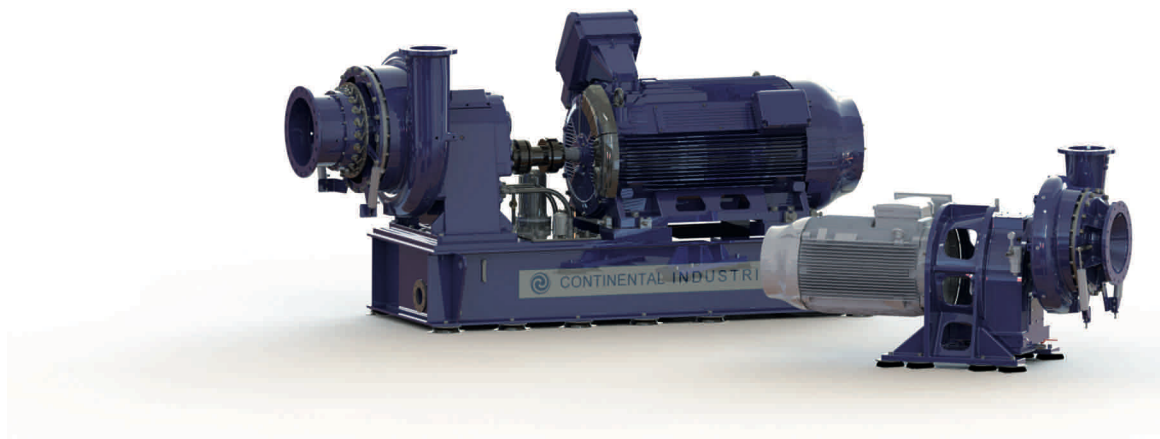
Continental Industrie has equipped the sewage treatment plant of the famous artificial island group Palm Island in Dubai alone with nine blowers. Numerous wastewater aeration projects were carried out throughout Europe with the environmental group SUEZ. These are just two of countless examples in which Continental has used its own centrifugal blower technologies.



Wikimedia Common by Richard Schneider, Palm Island

# The time has come to introduce a new turbo compressor system

As a globally operating manufacturer of air flow systems, the production of a new turbo compressor series sets an example for pressure aeration in municipal and industrial companies that rely on energy-efficient technologies. Under the model designations **TCB** and **TCH**, Continental has recently introduced their single-stage turbo compressors with integrated gearbox to its product range. The manufacturer has incorporated all fluidic experience into the development and ensured that all main components are manufactured in Western Europe.



*Manufactured  
in Europe!*

## TCH Turbo

The Continental Industrie TCH type hydrodynamic bearing turbo blowers are modern flow machines for compression of large quantities of air.

- ▲ Energy saving
- ▲ Integrally geared design
- ▲ Stepless capacity control with IGV and VDV
- ▲ Low noise level
- ▲ Flow range 9,500 - 60,000 Nm<sup>3</sup>/h
- ▲ Pressure up to 140 kPa g

## TCB Turbo

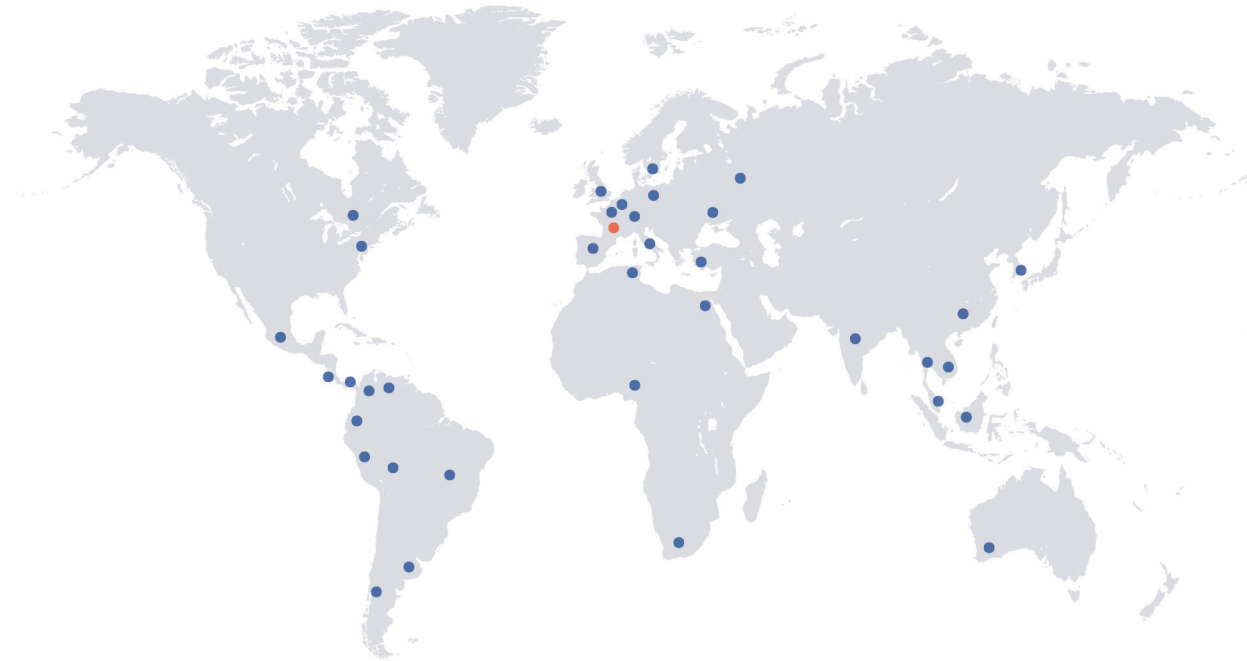
The Continental Industrie TCB type ball bearing turbo blower is a monolithic unit consisting of the centrifugal air compressor, transmission unit, main drive electric motor, frame, oil installation and control cabinet.

- ▲ Compact design
- ▲ Stepless capacity control with IGV and VDV
- ▲ Easy Installation
- ▲ Low noise level
- ▲ Flow range 1,500 - 15,000 m<sup>3</sup>/h
- ▲ Pressure up to 95 kPa g



*We turn air into a tool*

FLOTATION · WASTEWATER TREATMENT · FILTER BACKWASH  
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