

We are now part of Howden



TURBLEX

We now have more manufacturing, engineering and service sites to better serve you.

Howden Roots joins forces with Turblex

We are pleased to announce that Turblex is now a part of the Howden Turbo Technologies family of brands, representing the world's very best in compressors, blowers and steam turbines. Adding Turblex to our product mix means we're now able to offer you an even broader range of turbo technologies than ever before.

With over 500 years of combined experience in compressors, blowers and steam turbines, the Howden name means reliability and first class technology to our customers.

Howden

Howden is a global company, established over 160 years ago, with established bases in 26 countries across every continent.

Our world-leading research and development activities are supported by an unrivaled breadth and depth of experience. Every product that leaves our factories is backed by a lifetime commitment to service and support.

A great partnership

The specialized knowledge and experience of these companies will bring additional depth to our combined abilities, increasing our range in turnkey, service and ancillary products offering a more comprehensive solution for your needs.

The North American waste water industry will also have access to our highly experienced field servicing, testing and turnkey services, enabling us to assist our partners across the full spectrum of expertise from new technology to replacement and refurbishment of existing machinery.

Benefits to you

Adding the Turblex brand to our newly expanded range of Howden Turbo Technologies products means you have even more choices available to you for the business solutions you need.

By adding on our new Howden associates in Springfield, Missouri, you can now access even more excellent engineering talent, field service associates and sales personnel. You'll also experience much more localized support for your aftermarket service. This is Howden. Our job is to revolve around you.



The Turblex advantage

Turblex is the world's most efficient single-stage, integrally geared compressor you can find. With thousands of units operating worldwide, it has developed an unparalleled record of long-term reliability and low maintenance performance. In fact, the Turblex single-stage compressor is so efficient that most older compressor installations can be replaced by Turblex units with the cost of replacement recovered in a few short years by power savings.

Variable flow with turndown to 45% (or less) at constant speed.

Highest efficiency is automatically and continuously maintained over the entire turndown range, including off-design ambient temperatures and pressures where units most often operate.

High-quality bearing construction results in exceptionally long life with minimal maintenance.

Oil-free air delivery.

Compact design saves floor space and facilitates the replacement of older, less efficient compressors.

Your wastewater treatment plant aeration process consumes 50–70% of all your power.

High capacity compressors

Compressor air requirements that exceed 60,000 scfm per unit employ 'large unit construction' with enhanced support structure for the larger volute casing. Depending on capacity and size, the unit may be fitted with an integral or separate gearbox.

Achieve the highest efficiency

There are three primary technologies that have the greatest impact on your overall power

consumption: **(1)** Diffuser Technologies, **(2)** Blower Technologies and **(3)** Air Control Technologies. The optimal process incorporates fine bubble diffusers, automated DO and pressure control and dual point control single stage blowers. This combination has a proven track record of yielding the highest efficiency of any secondary treatment process. Plants which are without these high efficiency standards are penalized each and every month with a higher utility bill.

Want to learn more? www.howden.com/turbo



At the heart of your operations

Howden people live to improve our products and services and for over 160 years our world has revolved around our customers. This dedication means our air and gas handling equipment adds maximum value to your operations. We have innovation in our hearts and every day we focus on providing you with the best solutions for your vital operations.



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Revolving Around You™