



**Tuthill Vacuum & Blower Systems**



# A Manufacturing Legacy

Tuthill Corporation is a privately held global manufacturer of industrial goods specializing in rotating equipment such as pumps, meters, vacuum systems & blowers.

Tuthill Vacuum & Blower Systems, manufacturer of Kinney® vacuum pumps and M-D Pneumatics™ blowers & vacuum boosters, is a leader in the design and manufacture of high performance, reliable positive displacement blowers, mechanical vacuum pumps, vacuum boosters and engineered systems ready to install and run.

Tuthill Vacuum & Blower Systems offers customers expertise supported by 100+ years of engineering experience. Solid hands-on care and attention is given to every product we build and test prior to shipping to just about any region of the world.

## The Tuthill Brand

The Tuthill Brand is the blend of people and products. It's who we are, what we do, and what we say. It starts with each employee, here, now.



## Our People Make A Difference

Tuthill recognizes that our employees, no matter what role they hold, truly define ultimate value. We don't just make blowers and vacuum pumps, we make an invitation for the original pump - the heart - to come alive. You don't often hear manufacturing companies talk about "heart" but Tuthill realizes just how important that conversation is to our employees, vendors and customers. Every day our employees pump their heart into everything they do.

Doing business with Tuthill is different, and that's very intentional. Since 2005, Tuthill has been on a journey to become a *Conscious Company*. Employees are recognized as individuals and not as business objects. They are encouraged to become leaders through specialized training that is offered to all. Our Conscious Company tools are shared with every employee and external partner. From suppliers to vendors to sales partners, we share the same path allowing us to deliver quality, reliable products with the level of personal service our customers expect.

You'll notice our power of aliveness - we don't just come to work, we come alive.

# The Tuthill Compass

Our journey of building a Conscious Company has brought us to heights where we have well-defined direction guided by our COMPASS.

## Our Purpose

*Wake The World.*

## Our Vision

*A legion of like-hearted people with astounding impact.*

## Our Mission

*Making real things that really make a difference.*

## Our Way

*Living our common values.  
Creating the uncommon.*

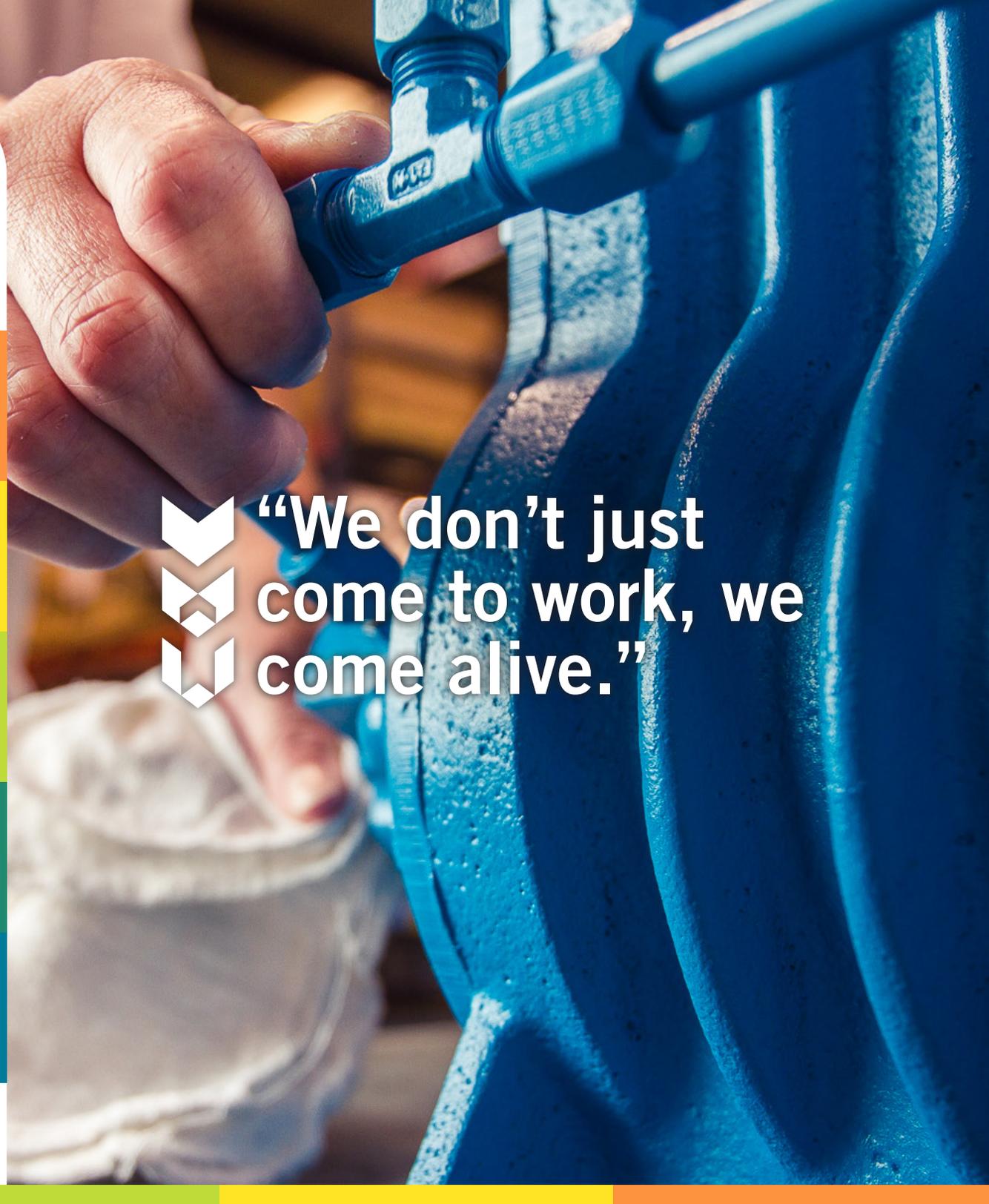
## Our Brand

*It's who we are, what we do, and what we say.*

*Learn more at [Tuthill.com](http://Tuthill.com)*



**“We don’t just  
come to work, we  
come alive.”**





# M-D Pneumatics™

Blowers

Vacuum Boosters

Blower Packages

M-D Pneumatics™ blowers, vacuum boosters and blower packages are known for reliability and quality. Product series offer a range of models and a mix of standard and optional features to fit a variety of applications. Custom blower packages to 9,000 CFM are available.

## Product Key

16	AIR	GAS*	15
Vacuum Level "Hg vac	Process Medium		Pressure Level PSI

17	AIR	18
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16	AIR	18
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17	AIR	25
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### Equalizer

Typical Applications:

- Pneumatic Conveying
- Dust Collection
- Carpet Cleaning
- Air Sparging
- Dairy Milking
- Compost Aeration



### CP Series

Typical Applications:

- Pneumatic Conveying
- Vacuum Excavation
- Dust Collection
- Carpet Cleaning
- Air Sparging
- Dairy Milking
- Wastewater Aeration



### T650

Typical Applications:

- Pneumatic Conveying
- Transport and Industrial Applications

\*Process Gas

17

AIR

18



## Qx

Typical Applications:

- Pneumatic Conveying
- Bulk Unloading/Loading
- Dust Collection
- Wastewater Aeration
- Compost Aeration

17

AIR

GAS\*

18



## PD Plus

Typical Applications:

- Pneumatic Conveying
- Steam Compression
- Vapor Recovery
- Soil Vapor Extraction
- Process Gas Boosting

AIR

GAS\*



## Vacuum Boosters

Typical Applications:

- Supercharging Vacuum Systems
- Vacuum Drying
- Dehydration
- Packaging
- Distillation
- Vacuum Furnace

17

AIR

20



## T850 & T1050

Typical Applications:

- Pneumatic Conveying
- Transport and Industrial Applications

17

AIR

18



## Blower Packages

Typical Applications:

- Pneumatic Conveying
- Dairy Milking
- Wastewater Aeration
- Air Sparging

AIR

GAS\*



## Engineered Solutions

Typical Applications:

- Vapor Recovery
- Process Gas Handling

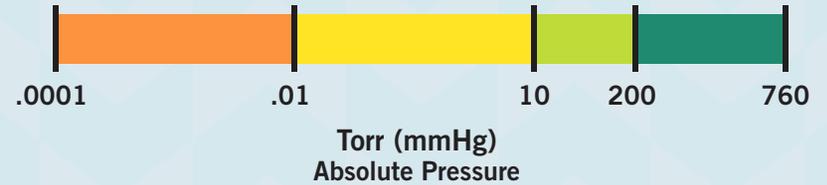




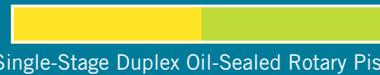
## Kinney® Vacuum Pumps Vacuum Systems

Kinney® vacuum pumps and vacuum systems cover a range of vacuum technologies for our core markets: rotary piston, liquid ring, dry screw, and rotary vane. Custom engineered systems to 12,000 CFM are available.

### Product Key



Two-Stage Oil-Sealed Rotary Piston



Single-Stage Duplex Oil-Sealed Rotary Piston



Single-Stage Oil-Sealed Rotary Piston



### KC/KTC

#### Typical Applications:

- Evacuating Refrigeration Systems
- Liquid Gas Storage
- Brake Filling
- Silicon Crystal Growing



### KD/KDH

#### Typical Applications:

- Drying Chambers
- Degasifiers
- Filling Machinery
- Evacuation of Process Chambers



### KT

#### Typical Applications:

- Heat Treating
- Coating
- Transformer Drying
- Metallurgy



Single-Stage Liquid Ring



## A Series

Typical Applications:

- Gas Compression
- Sterilization
- Solvent Distillation
- Degasifiers
- Extruders
- Evaporators



Two-Stage Liquid Ring



## KLRC

Typical Applications:

- Vapor Recovery
- Deaeration
- Extruders
- Crystallizers
- Chemical Processing



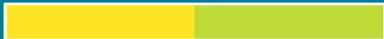
Variable Pitch, Dry Screw



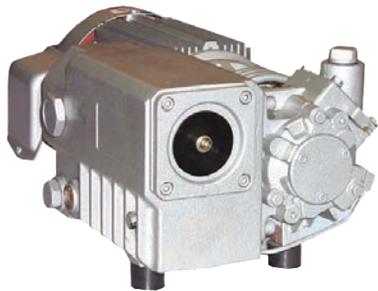
## SDV

Typical Applications:

- Chemical Processing
- Solvent Recovery
- Crystallization
- Distillation
- Vapor Recovery



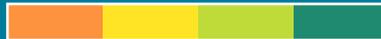
Single-Stage Oil-Sealed Rotary Vane



## KVA

Typical Applications:

- Vacuum Packaging
- Plastic Thermoforming
- Food Processing
- Central Vacuum Systems



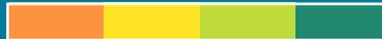
Liquid Ring & Booster/Piston



## Vacuum Systems

Typical Applications:

- Transformer Oil Distillation
- Vacuum Furnaces
- Vapor Recovery
- Crystallization
- Semiconductor Processing
- Chemical Processing



Custom Solutions to 12,000 CFM



## Engineered Solutions

Typical Applications:

- Vacuum Packaging
- Vacuum Furnaces
- Chemical Processing
- Solvent Recovery





# Custom Solutions

While Tuthill Vacuum & Blower Systems offers products and packages that are ready to install and run, our Systems Engineering Group is available to design and build a custom blower or vacuum system for your specific application. A project manager is assigned to your design project and all work is completed in-house by the systems team.

Tuthill Vacuum & Blower Systems has engineered unique system solutions for customers in all types of markets and manufacturing processes. Systems range in size and complexity and our team will key in on the exact requirements for your application. The process is simple to begin. Online application forms are submitted directly to the engineering team or team members are available for consult by calling 1-800-825-6937.

# The Right Tools

VBXpert is free software that Tuthill Vacuum & Blower Systems developed to assist customers in properly selecting the right product for their applications. It is renowned by experts in the industry as the most useful tool available to the general public for vacuum pump and blower sizing and selection. The software is available for download at [tuthillvacuumblower.com](http://tuthillvacuumblower.com).

# USA Made with Global Reach

Tuthill Vacuum & Blower Systems proudly designs and builds products in Springfield, Missouri, USA. Our global network of regional sales managers, sales representatives and distributors provide global customers with valuable local support. To locate a local sales representative, visit [tuthillvacuumblower.com](http://tuthillvacuumblower.com).



## Delivering Value

The Tuthill Business System (TBS) begins with listening to customers and determining what they value. Waste is removed within any process that hampers or delays the delivery of that value. Tuthill has many customers that participate in our “Voice of the Customer” process to best identify necessary product features and guide our development of new and enhanced product lines.

Wise investments are made in manufacturing tools and processes as part of our desire for continuous improvement. The right tools and the right people are a winning combination for delivering outstanding customer satisfaction. Milestone anniversaries are celebrated with employees month after month – a real testament to having a rock solid manufacturing team that is truly dedicated to every customer order.

Tuthill quality extends throughout our sales channel too. We have partnered with sales representatives that understand the Tuthill Business System tools and offer another layer of added value to our customers around the world.



# Foundational Markets

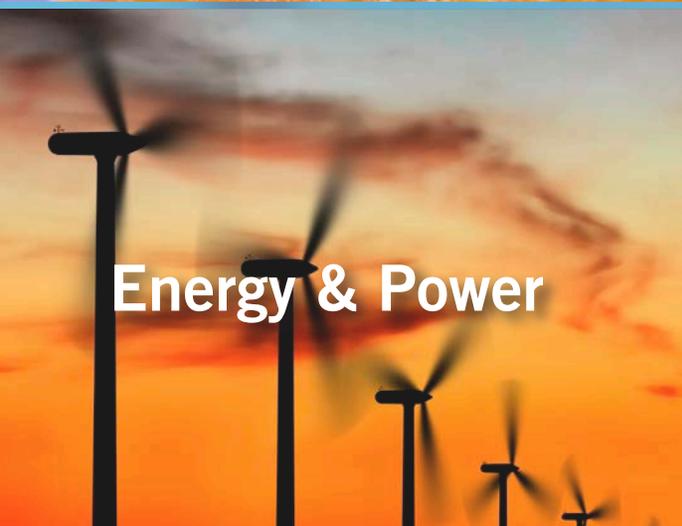
Tuthill serves markets that are foundational to sustaining human life. Markets are chosen for two primary reasons: stable long-term growth and contribution to our livelihoods.



**Chemical**



**Food & Beverage**



**Energy & Power**



**Construction**



**Pharmaceutical & Medical**



## ***THE HEART IS THE ORIGINAL PUMP***

All of us are born with a pump inside - our hearts. At Tuthill we don't just make pumps, blowers and vacuums, we make an invitation for the original pump - the heart - to come alive.

*Learn more at [Tuthill.com](http://Tuthill.com)*





## Tuthill Vacuum and Blower Systems

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