



2320Z1 WOB-L®
Piston Pump



2775 WOB-L®
Piston Pump



THOMAS
An Ingersoll Rand Business

Inventor of
WOB-L®
piston pump
technology



1014
Diaphragm Pump

Five operating
technologies
serve the
toughest market
applications



PUMPS WITH MORE...

- **Experience**
- **Quality**
- **Customization**
- **Performance**

So **YOU DO LESS** and focus on your critical needs



6323 Liquid
Diaphragm Pump

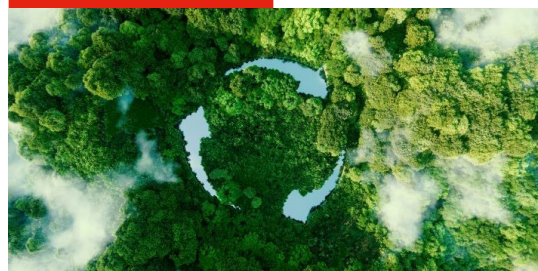


ETL500
Peristaltic Pump

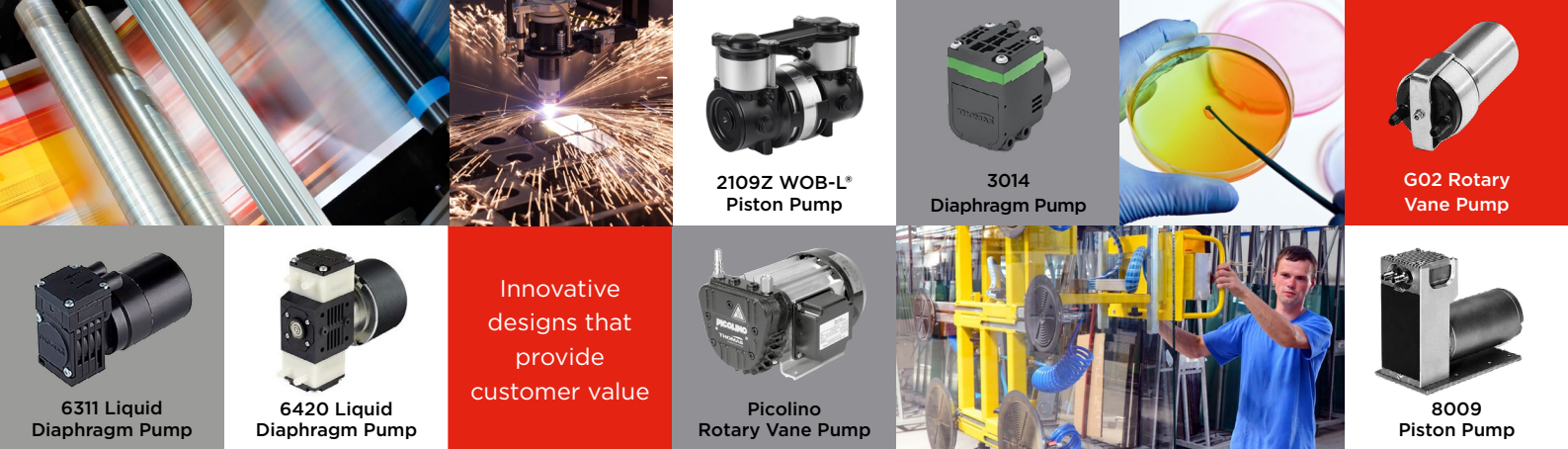
Over 50
standard
catalog series
platforms



1420
Diaphragm Pump



www.thomaspumps.com



MORE EXPERIENCE

Thomas is the most comprehensive pump supplier in its class, with over 90 year's experience as a pioneering manufacturer of designing and developing customized pump solutions for OEMs around the world that improve lives each and every day.

We've been providing custom engineered solutions for a wide range of evolving Original Equipment Manufacturer (OEM) applications in medical, laboratory, food and beverage, environmental, and mobile markets for years.

In-vitro Diagnostics	Air Mattresses	Digital Inkjet Printing	Fuel Cells	Ventilation and Anesthesia
Bio-reactor / cell culture	Gas Generators	Surgical Ablation	Wound Therapy	Vacuum Handling
Sewage Aeration	Beverage Dispensing and Food Preparation	Peritoneal and Hemo Dialysis	Portable and Stationary Gas Detectors	Pond Aeration



Wide selection of pumping technologies and comprehensive knowledge

The Thomas team listens first, to understand your projects needs, then we apply the best pump technology to fit your application.

Thomas pumps - **PUMPS WITH MORE**

[Contact Us](#)



Customer
requirement
driven
development



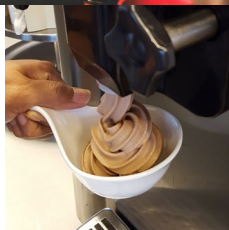
8003
Piston Pumps



GL-G Rotary
Vane Pump



2660 WOB-L*
Piston Pump



1420
Diaphragm Pump

Product series platforms
designed for maximum flexibility
while maintaining same footprint
and external size

MORE CHOICE AND FEATURES

Thomas as one stop shop and most comprehensive choice for OEMs.

Gas pump performance range:



Pressure

Maximum continuous pressure:
up to 12 bar [175 psig]



Flow

From 500 ml/min [0.018 cfm],
up to 258 l/min [9.1 cfm]

Liquid pump performance range:



Pressure

Maximum continuous pressure:
up to 10 bar [145 psig]



Flow

From 1 ml/min
up to 3000 ml/min

Pump technologies:

6 operating principle technologies to choose from.



WOB-L* Piston

Often an ideal choice for air only applications, WOB-L technology has very few moving parts to provide a reliable, oil-less option with high displacement.



Diaphragm

Durable diaphragm designs provide high efficiency, low sound level and hermetically leak tightness that adapt well to different gases or liquids.



Peristaltic

A precise and robust technology that avoids cross-contamination, enables bidirectional flow and is compatible to a wide range of chemicals.



Rotary Vane

Oil-less and self-lubricating compact pumps and compressors that are nearly pulsation-free.



Articulated Piston

Well suited for applications that require higher pressures and proportionately higher flow capability.



Linear

A technology with fewer wearing parts that has very low pulsation, high efficiency and very quiet operation.

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6025
Linear Pump



1410
Diaphragm Pump



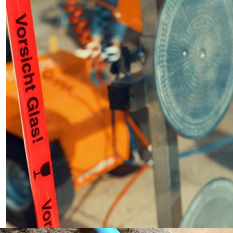
LMF liquid Linear
Diaphragm Pump



3014
Diaphragm Pump



ETL200
Peristaltic Pump



For 40 years, Thomas has been the largest supplier of compressors for the Oxygen Concentrator market, helping our customers make lives better around the world.

MORE CUSTOMIZATION

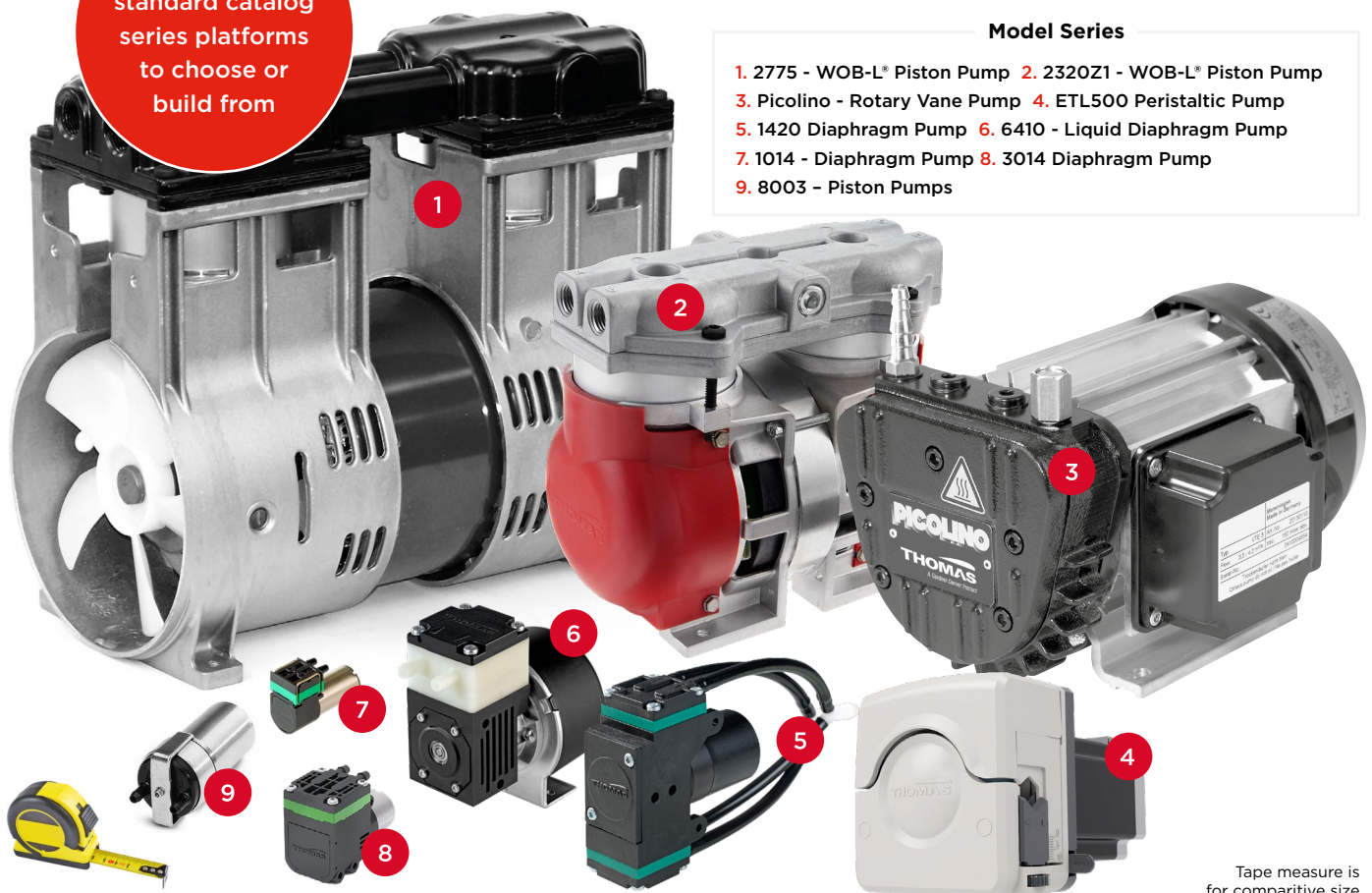
Thomas offers the ability to extensively modify product configurations, resulting in a customized engineered solution that is uniquely tailored to your application and needs – **Your ultimate pump solution.**

- Decades of experience allow Thomas to leverage a vault of best practice design techniques that ultimately provide the customer a quality product as robust as our design/development processes.
- Configurable/modular design approach reduces time to market.
- Custom designs tested, and qualified per CE, TUV, UL, and CSA design specifications ensure a reliable, quality product that is manufactured and assembled to the highest standards.
- Custom engineered solutions – engineering talent, resources, and years of experience provide the customer a unique solution to their needs in a timely, efficient manner.
- Pumps undergo extensive lab testing and qualification prior to being released for production.

Over 50
standard catalog
series platforms
to choose or
build from

Model Series

1. 2775 - WOB-L* Piston Pump
2. 2320Z1 - WOB-L* Piston Pump
3. Picolino - Rotary Vane Pump
4. ETL500 Peristaltic Pump
5. 1420 Diaphragm Pump
6. 6410 - Liquid Diaphragm Pump
7. 1014 - Diaphragm Pump
8. 3014 Diaphragm Pump
9. 8003 - Piston Pumps



Tape measure is
for comparative size

Contact Us

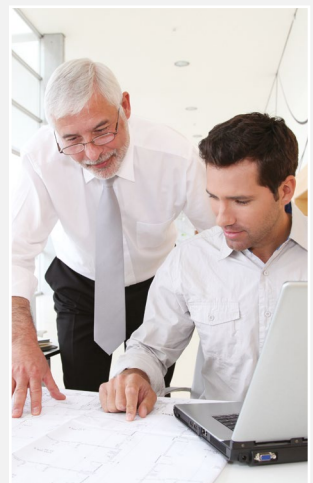


MORE PERFORMANCE

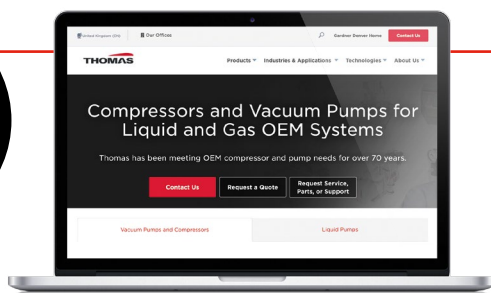
- Thomas is well versed in many different motor technologies, and specializes in brushless DC motor technology. Thomas motors and controllers are optimized with the pump design to meet exacting specifications to requirements and deliver optimum variable speed performance to meet your specific application needs.
- Precision machined parts allow for quality assembly, consistent performance, and maximum life.
- Innovative high performance piston seals, diaphragms, rings, vanes depending on pneumatic needs.
- Thomas offers the broadest oil-less product range in the industry and can design an ideal, custom solution that can be prototyped and manufactured to meet your precise needs.

GET MORE. CHOOSE THOMAS.

- A development partner, not just a supplier – Thomas can assist with the product qualification, validation, and approval in the OEM end-use system.
- We understand the approval process of OEMs.
- Our design validation process, including an in-house agency test lab certified to UL, CSA, and TUV, engineering test lab, sound test room, life test facilities and environmental chambers, enables the customer to minimise their time to market.
- Technical talent in multiple regions provides value add, cost containment, and flexible logistics.
- Key departments such as our own in-house aluminum die-cast facility, injection molding department and machine shop allow for quick response time and design control.
- Our sample lab can produce fabricated or 3-D printed prototype parts quickly.
- All manufacturing facilities are ISO certified.



MORE
is one click
away



Contact us today to discuss how Thomas can provide you a customized engineered solution for your specific application needs.

www.thomaspumps.com

Contact Us

