



Process Control Solutions to Optimize Plant Performance



► We manufacture **control valves** for the world's most **critical applications**.



Reliable. Rugged. Compact.

Optimux® OpGL™ Globe Control Valves are Trimteck's flagship product. The OpGL has been engineered to provide superior performance while permitting easy, fast, and inexpensive maintenance. Unlike diaphragm-operated control valves, the Piston cylinder-actuated OpGL™ provides stiffness and maintains high positioning accuracy – making for the world's most efficient and accurately responsive valve.

**OpGL™ Specifications**

Sizes (NPS)	Body Styles	Body Materials	Pressure Class	Shutoff Class
1/2" – 36"	Globe, Angle, 3-Way, Y-Pattern, Fabricated (XT), Vacuum Jacketed, Steam Jacketed and others	Carbon Steel, Stainless Steel, Alloy, Chrome Moly	CL150 to CL4500	Class IV, V, VI

Astounding rangeability, precision, and repeatability.

Trimteck's OpVEE™ is the highest performance V-Notch Ball Control Valve on the market today. Its advanced design features have taken into account the requirements and recommendations of process control engineers and plant personnel from across varying industries: Pulp & Paper, Chemical, Oil & Gas, Power Generation, and others.



OpVEE™ Specifications

Sizes (NPS)	Body Materials	Trim Materials	Pressure Class	Shutoff Class
1"– 24"	Carbon Steel, Stainless Steel, Alloy, Chrome Moly	316SS + Hard Chrome, Inconel, PTFE	CL150 to CL600	Class IV, Class VI

High capacity and frictionless, cammed seating.

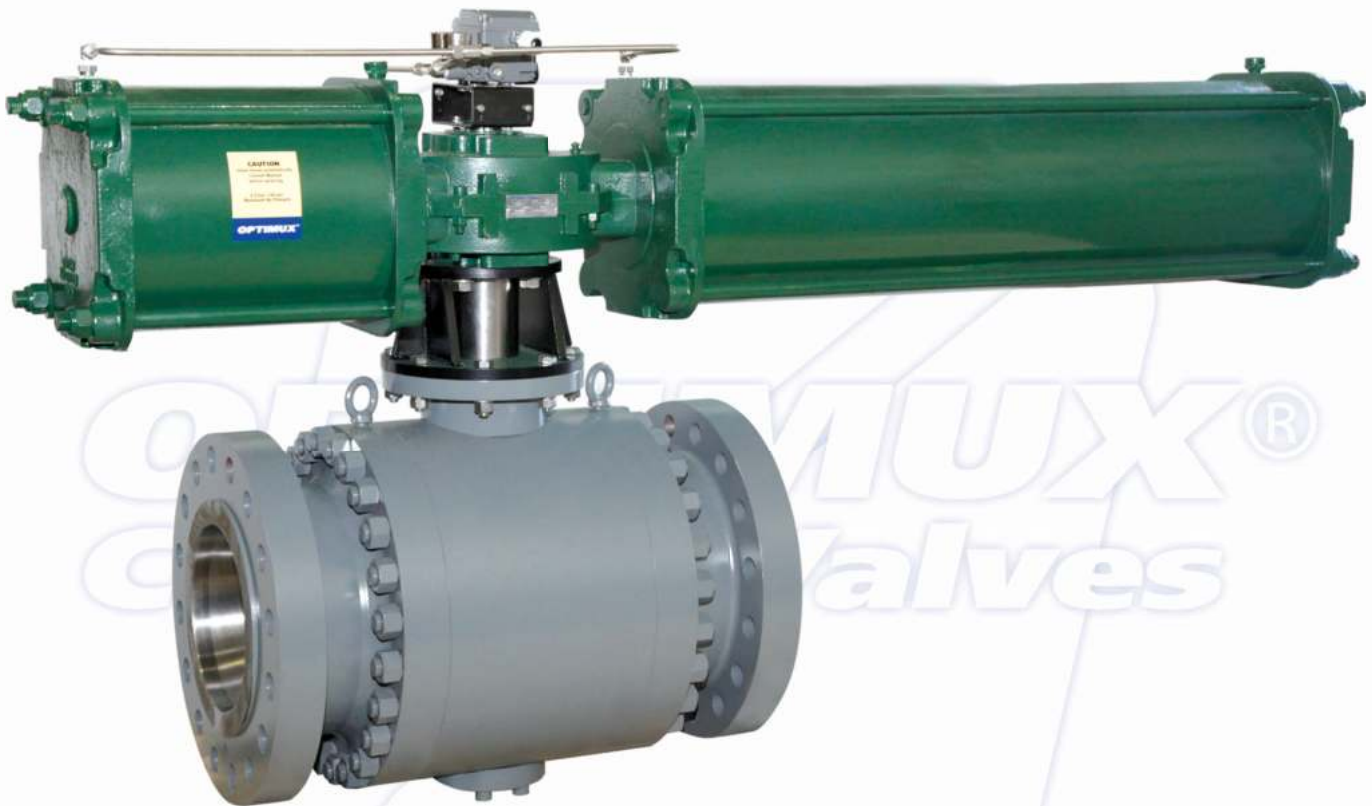
Rotary globe control valves, as eccentric plug valves like the OpEXL™ are sometimes called, have become an increasingly common choice for plant stakeholders due to, among others, their capacity to handle high flows, superior rangeability, compact size, and shaft seal design.

**OpEXL™ Specifications**

Sizes (NPS)	Body Materials	Trim Materials	Pressure Class	Shutoff Class
1"– 16"	Carbon Steel, Stainless Steel, Alloy, Chrome Moly	440C+CVD-5B, 316SS, PTFE	CL150 to CL600	Class IV, Class VI

Heavy-duty throttling ball valve with characterized trim.

The OpTB™ v-notch ball type control valve is no longer limited to a full-port option and is available in a reduced-port API 607 Fire Safe V-Notch Ball Control Valve configuration that effectively adds throttling capabilities to a traditional, proven three-piece on/off ball valve design. This is an ideal valve for throttling applications in the Midstream Oil & Gas industry where pressure classes and differentials extend beyond the capabilities of the OpVEE.

**OpTB™ Specifications**

Sizes (NPS)	Body Materials	Trim Materials	Pressure Class	Shutoff Class
2" – 56"	Carbon Steel, Stainless Steel, Alloy, Chrome Moly	316SS+Hard Chrome, Inconel, PTFE, and others	CL150 to CL4500	Class VI, API Fire Safe

Bi-directional shutoff and predictable control.

The OpDX™ High Performance Butterfly Control Valve uses a pressure-assisted seating concept to achieve bi-directional bubble-tight shutoff while maintaining a low breakout torque requirement. Available in ANSI Class 150 to 600 and 2" to 36", the OpDX has a characterized disc enabling throttling.

**OpDX™ Specifications**

Sizes (NPS)	Body Materials	Disc & Shaft Materials	Pressure Class	Shutoff Class
2" – 36"	Carbon Steel, Stainless Steel	17-4 pH, 440 Stainless Steel, CF8M Stainless Steel + Hard Chrome, Nitronic	CL150 to CL600	Class IV

Absolute zero leakage in challenging services.

The OpTE™ high performance Triple Eccentric, or Triple Offset, Butterfly Valve is a robust isolation valve providing absolute zero leakage. Originally designed for steam isolation applications ranging from vacuum to high-pressure, the OpTE is now commonly used in liquid as well as gaseous services. The triple offset disc design is torque-seated and inherently fire-safe. Trimteck specializes in modifications of this design to handle extreme temperatures.



For complete specifications and product offerings information, download free Brochures and Manuals at www.trimteck.com or contact your local Trimteck representative.

**OpTE™ Specifications**

Sizes (NPS)	Body Styles	Disc & Shaft Materials	Pressure Class	Shutoff Class
2"– 56"	Carbon Steel, Stainless Steel	17-4 pH, 440 Stainless Steel, CF8M Stainless Steel + Hard Chrome, Nitronic	CL150 to CL2500	Class VI

The new standard when smart positioners are required with Optimux® valves

Our new HPP4000™ brings to the market all the field proven attributes of our former HPP3000 plus all the additional features our users have requested for the past few years: LCD Display, 4-20mA feedback signal, HART® communication protocol and Auxiliary Limit Switches, all of these within our legendary and well proven robust enclosure capable of sustaining the most rigorous industrial plant conditions.

The Optimux® HPP5500™ microprocessor-equipped, current-to-pneumatic digital positioner is a reliable, accurate and robust positioner with an array of exceptional features. The HPP5500 offers as a standard, HART® communication, 4-20mA Feedback Signal and a LCD display that allows programming and set up without the need of a HART® communicator.



HPP4000™



HPP5500™

Let Trimteck solve your severe service applications

Trimteck® offers its customers timely, cost effective products to enhance performance while driving down operating and maintenance costs. With many years of experience in the design and manufacture of control valves for arduous applications, Trimteck has an extensive knowledge for meeting today's challenges.

Our rationale is simple: invest in a custom engineered product and enjoy extended performance combined with a dramatic reduction in operation, maintenance and lost production costs caused by failures and untimely shutdowns.

Problem valves are generally those which suffer from extreme service conditions including the effects of erosion, cavitation, flashing, vibration, noise and corrosion.

Multi-phase fluids, some which may contain contaminants, contribute further considerations with regard to velocities to offset potential fluid impingement and particle erosion. To overcome these challenges, Trimteck considers three definitive aspects:

- Solve problems utilizing multi-stage trim technology.
- Utilize application guidelines defining design criteria.
- Ensure correct application of materials.



ST-2 Concentric Cylinder technology for noise reduction and prevention of cavitation



Parts

Original Replacement Components

The combination of superior quality and workmanship delivers a second-to-none, competitively-priced line of replacement parts

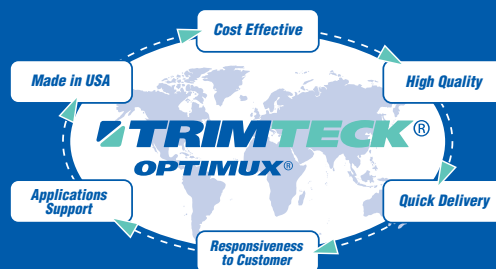
One of our core commitments to Optimux control valve users around the world is to provide the lowest cost-of-ownership in the valve industry. A commitment that we can achieve by providing competitive prices for our original Optimux valves, as well as their replacement parts.

If you are in need of trims, soft parts, retainers, actuator replacement kits, etc., give us, or any of our Authorized Distributors worldwide, a call. We can assure you that your plant's control valve replacement part budget will be significantly reduced while maintaining OEM quality in all your purchases.



Our Mission

People and the environment are safer, cleaner, and more productive if our customers can improve quality, optimize throughput, gather testing data, and reduce emissions by accurately controlling flows, pressures, and temperatures in their industrial processes.



Our Vision

We aim to provide customers around the world with high-quality, reliable, cost-effective, and innovative flow, temperature, and pressure control solutions for critical industrial processes. We excel because of our applications expertise, the superior performance of our products, as well as a culture committed to responsive services and delighting the customer.

Our Values

1. Focus on the customer
2. Be humble – listen, learn, and adapt
3. Anticipate, act, and own the result
4. Demonstrate a sense of urgency
5. Go slow to go fast - do it right the first time
6. Be safe & do the right thing
7. Measure everything
8. Be tenacious
9. Be loyal
10. Have fun

Global Distribution

Trimteck® counts on well-managed, competent, and diversified channels - including in-country Authorized Distributors, OEMs, Systems Integrators, and Certified Service Centers - to assure value to our end-users worldwide.



Aftermarket Service

We understand the value of prompt and thorough technical support for our products. We are equipped to provide you with remote troubleshooting, spare parts, and on-site commissioning, startup, and servicing of our control valves, actuators, and positioners.



- Engineering Support
- Cleaning and Testing
- Installation & Commissioning



Same Day Ship

Place an order for a qualifying valve or valve parts before 10:00am Eastern time, and we will ship on the same day!



Our manufacturing facility in Coral Springs, Florida now has a dedicated production cell to configure, assemble, test, and ship a range of control valves within hours of receiving a purchase order.



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