Downstream Valve Solutions
CNC Flow Control

CNC Flow Control, founded in September 2017, is new only in name. This single business entity was forged from the union of The Newdell Company (2000) and C&C Industries (2005). Today, CNC Flow Control continues to offer the same trusted brands including Smith, C&C, Diamond Gear, Econ and Force. Our experienced team has an aggressive strategy to provide complimentary products to currently served markets, increase our service levels and establish ourselves as your single source provider for valve and flow control solutions.
SMITH Forged

SMITH Forged Steel valves have a proven reputation for quality that has been built over a half century. Dedication to new technology, improved engineering and best practices in manufacturing exemplify SMITH’s ongoing commitment to provide among the highest quality products in the valve industry.

Features
- Valve Types: Gate, Globe, Check, Cryogenic, Bellows Seal, Y-pattern
- Sizes: 1/2” - 3”
- Pressure Class: 150, 300, 600, 800, 1500, 2500, 2690
- Design Specifications & Compliance:
  - API 591/598/602/624, ASME B16.34, NACE MR-0175, NACE MR-0103
- Large scope of materials offered

SMITH Cast

SMITH Cast Steel valves were introduced to the market in 2018. Every valve is 100% pressure tested and inspected in accordance with API 598, and is equipped with low fugitive emissions packing for API 624 compliance. Production castings are qualified by RT per MSS SP-147 Annex A to ensure only high quality castings are used.

Features
- Valve Types: Gate, Globe, Check
- Sizes: 2” - 42” (Larger sizes available upon request)
- Pressure Class: 150 to 2500
- Design Specifications & Compliance:
- Large scope of materials offered
- Stainless steel options in both light wall and heavy wall designs
- Bolted bonnet and pressure seal bonnet available
CNC Flow Control holds exclusive rights for **Force** Flanged Ball valves in North America. A large inventory of valves 1/2” through 16” in Class 150 to 2500 is kept in supply to ensure immediate availability. Other sizes and special materials are available upon request. In addition, CNC’s in house Valve Quality team pressure tests every Force valve a second time prior to shipment, ensuring that it’s ready for service.

**Features**
- Valve Designs: Floating & Trunnion mounted
- Sizes: 1/2” - 16”
- Pressure Class: 150 to 2500

The **C&C Atlas Series** 2-Piece Cast Trunnion Mounted Ball valve’s split body construction complies with API 6D, ASME B16.34, API 608, API 607 and other relevant ASTM specifications. With a variety of material selections available as well as ISO 5211 compliant direct mount actuator pad, the cast trunnion mounted ball valve can be customized and automated to suit a complete range of oil and gas applications.

**Features**
- Design: Cast Trunnion mounted ball valve
- Sizes: 2” - 16”
- Pressure Class: 150 to 1500
Trident Series

The C&C Trident Series 3-piece Forged Trunnion Mounted Ball Valve is ideally suited for pipeline and other applications within the global energy infrastructure where zero leakage positive shutoff is critical. API Monogrammed and compliant with all relevant industry specifications, C&C trunnion ball valves should be an integral component of your piping network.

Features
- Sizes: 2” - 36”
- Pressure Class: 150 to 2500

Guardian Series

The C&C Guardian Series cast Non-Slam Piston Check Valve provides system protection through back flow control. It is used in applications where there is a need to reduce excessive wear associated with reciprocating service, such as compressors and pumps. The Non-Slam Piston Check is outfitted with a top entry flange, allowing for ease of maintenance and repair of internal parts, ultimately reducing downtime.

Features
- Sizes: 2” - 12”
- Pressure Class: 150 to 1500
- Suitable for liquid and gaseous applications
- Design Specifications & Compliance: WCC, LCC & CF8M; materials traceable to ASME B31.1; API 6D monogrammed, ISO 14313, CSA Z245.15-17; NACE MR 0175/ISO 15156-1; PED 2014/68/EU Annex III, Module H; Fire Safe: API 6FD
Diamond Gear

The Diamond Gear product brand is a provider of high quality industrial worm gears, bevel gears, declutchable override gears, and gear accessories. With large inventory levels and customization capabilities, Diamond Gear will get you in motion.

Features
- Override Gears
- Bevel Gears
- Worm Gears
- Valve Automation Services

Full Service Valve Repair & Modification Shop

CNC Flow Control's full service in house modification shop specializes in precision machining, welding, and industrial valve modification and testing. Located at the manufacturing facility in Houston, TX, the specialized shop includes a team of experienced machinists along with certified welders and valve fitters who use calibrated, state-of-the-art equipment to ensure an outstanding finished product and exceptional service. For more information or specific questions on how the shop can assist you, call 713-590-1312.
Valve Quality Development Team (VQDT)

Our Valve Quality Development Team (VQDT) is comprised of industry leaders and valve experts working together to share their expertise and best practices in order to make certain that only the highest quality products and most reliable solutions go to market. Before the decision is made to brand a product, our Valve Quality Development Team conducts comprehensive manufacturer’s audits and inspections on both the product and the manufacturer’s production process. These stringent audits and inspections ensure the manufacturer’s ability to produce and provide products of consistent quality demanded by our customers and in accordance with documented procedures. Once manufacturers are qualified, the VQDT performs onsite witnessing and inspections of the product prior to releasing it for shipment. This added capability and oversight differentiates us from others. Reports providing proof of quality and testing are available to our customers with additional tests provided upon request.

- Positive Material Identification
- Material Test Reports
- Dye Penetrant Testing
- Quality and Technical Documentation
- Supplementary Testing to Customer Requirements
- Welding Inspection & Testing