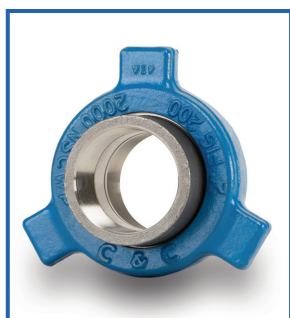


Oilfield Solutions

Valves, Fittings, & Flow Lines



CNC Flow Control

CNC Flow Control, was founded in 2017 but 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.



Instrument Valves



Needle Valves

Sizes: 1/4" – 1"
Pressures: 6,000
and 10,000 PSI
NSCWP
Carbon, Stainless
Steel
MXF, FXF



Mini Needle Valves

Sizes: 1/4"
Pressures: 6,000 PSI
NSCWP
Carbon, Stainless Steel
Tee, Round Handle
MXF, FXF



Angle Needle Valve

Sizes: 1/4" – 1"
Pressures: 6,000
and 10,000 PSI
NSCWP
Carbon, Stainless
Steel
MXF, FXF



Inline Check Valve

Sizes: 1/4" – 1"
Pressures: 6,000 PSI
NSCWP
Carbon, Stainless
Steel
MXF, FXF

Check Valves

Flanged Check Valves



Guardian Series Non-Slam Piston Check Valve

Sizes: 2" – 12"
ASME 150 – 1500
Carbon or Stainless
API 6D, NACE MR0175, PED
2014/68/EU, CSA Z245.15-17



CVA Series Swing Check Valve

Sizes: 2" – 12"
Full Open – Piggable
NACE MR0175, API 6D,
Fire Safe Design, CSA
Z245.15-17



Cast Steel Check Valve

Sizes: 2" – 12"
ANSI 150 – 600
*Larger sizes and other ANSI
classes available upon
request

Threaded Check Valves



Ductile Iron Check Valve

Sizes: 1" – 4"
Pressure: 300 – 2,000 PSI
NSCWP
NACE MR0175



WCB Check Valve

Sizes: 1" – 2"
Pressure: 2,160 – 3,600 PSI
Sizes: 1" – 2"
Pressure: 5,000 PSI
Sizes: 3"
Pressure: 3,000 PSI
NSCWP
*Pressures vary per size
NACE MR0175



200# Brass Swing Check Valve

Metal Seated
Sizes: 3/8" – 4"
200 PSI NSCWP



300# Brass Swing Check Valve

O-Ring Style
Sizes: 1" – 4"
300 PSI NSCWP

Miscellaneous Check Valves



Hammer Union Check Valve

Sizes: 1"
6,000 PSI NSCWP
BOP Lines



Grooved-End Brass Check Valve

O-Ring Style
Sizes: 2" – 4"
300 PSI NSCWP



Inline Check Valve

Sizes: 1/8" – 1"
6,000 PSI NSCWP
Stainless Steel

Miscellaneous



Cast Steel Flanged Gate Valve

Sizes: 2" – 14"
ANSI 150 – 600
API 600
*other sizes available
upon request



Brass Gate Valve

Sizes: 1/4" – 4"
200 PSI NSCWP
Threaded Ends



Quick-Open Brass Gate Valve

Quick Lever Style
Sizes: 2" – 6"
230 PSI NSCWP
Threaded Ends

Ball Valves



Brass Ball Valve

Sizes: 1/4" – 4", Full Port
Pressure: 600 PSI NSCWP
Threaded Ends



Heavy Duty Brass Ball Valve

Sizes: 1" – 4", Full Port
Pressure: 600 PSI NSCWP
Threaded Ends, Locking Handle



1-Piece Barstock Ball Valve

Sizes: 1/4" – 2", Reduced Port
Pressure: 2,000 PSI NSCWP
Threaded Ends, NACE MR0175



2-Piece WCB Ball Valve

Sizes: Full Port
1/4" – 2" @ 2,000 PSI NSCWP
2-1/2" – 4" @ 1,000 PSI NSCWP
Threaded FNPT Ends, Locking Handle,
NACE MR0175



3-Piece 1000# WCB Ball Valve

Sizes: 1/4" – 4", Full Port
Pressure: 1,000 PSI NSCWP
Available in WCB or Full Stainless
Threaded FNPT Ends, Locking Handle,
NACE MR0175



3-Piece 2000# WCB Ball Valve

Sizes: 1/4" – 1", Full Port, WCB
1 1/4" – 2", Full Port, A105
Pressure: 2,000 PSI NSCWP
All Sizes Available in Full Stainless
Threaded FNPT Ends, Locking Handle,
NACE MR0175



2-Piece 3000# Ball Valve

Sizes: 1/4" – 2", Full Port
Pressure: @ 3,000 PSI NSCWP
Available in WCB or Full Stainless
Threaded FNPT Ends, Locking Handle,
NACE MR0175



6000# Threaded Ball Valve

Sizes: 1/4" – 2", Full Port and 2",
Reduced Port
Pressure: 6,000 PSI NSCWP
Available in WCB or Full Stainless
Threaded FNPT Ends, Locking Handle,
NACE MR0175



1000# Stainless Steel Ball Valve

1000# Stainless Steel Ball Valve
Unibody Design
Sizes: 1/4" – 2", Reduced Port
Pressure: 1,000 PSI NSCWP
Threaded Ends, Locking Handle, NACE MR0175



Full-Port Stainless Steel Ball Valve

Seal Welded, 2-Piece Design
Sizes: 1/4" – 2", Full Port @ 2,000 PSI
NSCWP
2-1/2" – 4", Full Port @ 1,000 PSI
NSCWP
Threaded Ends, Locking Handle, NACE MR0175



Tank Valve

Sizes: 2", 3", Full Port
2" – 4", Reduced Port; 2" – 4", Vented Ball
Pressure: 1,000 PSI NSCWP
Locking Handle, Standard/NACE MR0175
*Available with vented ball



1500# Oilfield Ball Valve

Sizes: 2" @ 1,500 PSI NSCWP
Threaded Ends, Standard/NACE
MR0175



2000# Oilfield Ball Valve

Sizes: 3/4" – 4", Full Port
1", 2", 4", Reduced Port
Pressure: 2,000 PSI NSCWP
Threaded Ends, Standard / NACE MR0175



3000# Oilfield Ball Valve

Sizes: 1", 2", 3", Full Port
2", Reduced Port
Pressure: 3,000 PSI NSCWP
Threaded Ends, Locking Handle,
Standard / NACE MR0175



5000# Oilfield Ball Valve

Sizes: 1", Full Port
2", Reduced Port
Pressure: 5,000 PSI NSCWP
Threaded Ends, Locking Handle,
NACE MR0175



EUE Ball Valve

Sizes: 2-3/8", 2-7/8", Full Port
Pressure: 3,000 PSI NSCWP
8 Round Threaded Ends
NACE MR0175



Grooved & Threaded Ball Valve

Sizes: 2" – 4", Reduced Port
@ 1,000 PSI NSCWP
6", Reduced Port @ 500 PSI
Grooved Ends



Isolator Valve

Sizes: 1" x 1/4" and 2" x 1/4"
Pressures: 2,000 and 1,500 PSI
NSCWP
Available in WCB or CF8M
NACE MR0175



Trident Series Trunnion Ball Valve

3-Piece Forged Design
Sizes: 2" – 36", Full and Reduced Port
ASME 150 – 2500
Carbon and Stainless
API 6D, API 607 Fire Safe, NACE
MR0175, PED 2014/68/EU, CSA
Z245.15-17



Atlas Series Trunnion Ball Valve

Sizes: 2" – 16", Full and Reduced Port
ASME 150 – 150
Carbon and Stainless
WCB/LCC & CF8M
API 6D, API 607, NACE MR0175
PED 2014/68/EU, CSA Z245.15-17



Force BU Series Floating Ball Valve

Unibody Design
Sizes: 2" – 10", Reduced Port
ANSI 150 – 300
Carbon and Stainless
NACE MR0175 API 6D, API 607



Force BF Series Floating Ball Valve

2-Piece Body
Sizes: 1/2" – 8", Full and Reduced Port
ANSI 150 – 2500
Carbon or Stainless
NACE MR0175 API 6D, API 607



Force BTN Series Trunnion Ball Valve

2-Piece Body
Sizes: 2" – 48", Full and Reduced Port
ANSI 150 – 2500
Carbon or Stainless
NACE MR0175 API 6D, API 6FA

Butterfly Valves



C200 Series Wafer Butterfly Valve

Sizes: 2" – 24"
Features 4 Alignment Holes,
Pinless Disc
Lever or Gear Operated
*larger sizes available
upon request



LR Series Wafer Butterfly Valve

Sizes: 2" – 12"
Features long neck and
smooth body
Pinless Disc
Lever or Gear Operated



LN200 Series Wafer Butterfly Valve

Sizes: 2" – 12"
Features short neck and
notches for alignment
Pinless Disc
Available with Double D Stem
or Square Stem
Lever or Gear Operated



BW200 Series Split Body Wafer Style Butterfly Valve

Sizes: 2" – 12"
Features Teflon Coated Disc
and Seat
Pinless Disc
Lever or Gear Operated



T200 Series Threaded Body Style Butterfly Valve

Sizes: 2" – 6"
Lever Operated



C200 Series Lug Style Butterfly Valve

Sizes: 2" – 24"
Pinless Disc
Lever or Gear Operated
*larger sizes available
upon request



LG200 Series Lug Style Butterfly Valve

Sizes: 2" – 12"
Pinless Disc
Lever or Gear Operated
*larger sizes available
upon request



LN200 6BT Series Wafer Butterfly Valve

6-Bolt Pattern, Square Stem
Sizes: 4" and 5"
Features short neck and
notches for alignment
Pinless Disc, Square Stem
Lever or Gear Operated



BW200 Series Split Body Lug Style Butterfly Valve

Sizes: 4"
Features Teflon Coated
Disc and Seat
Pinless Disc
Lever or Gear Operated



G200 Series Grooved End Butterfly Valve

Sizes: 2" – 8"
Lever or Gear Operated

Butterfly Valve Accessories



Lever Operators

Sizes: 2" – 12"
10 position Handle
Available for Double D or Square Stem



Gear Operators

Direct Mount
Sizes: 2" – 24"
*larger sizes available upon request



Locking Handle

Sizes: 2" – 12"
10-position Handle
*featured handle with locking plate



Stem Extension

Sizes: 2" – 18"
Lengths: 24" – 72"
*other lengths available upon request



Pneumatic Double Acting Actuator

Sizes: 2" – 12"
14" – 24" available upon request



Pneumatic Spring Return Actuator

Sizes: 2" – 12"
14" – 24" available upon request

Plug Valves



2x1 and 1x1 Integral Plug Valve

Low Torque – Bottom Entry
15,000 PSI NSCWP
1" and 2" 1502 Connections
Standard Service



2x2 1502 Integral Plug Valve – NACE

Low Torque – Bottom Entry
De-rated to 10,000 PSI NSCWP
2" 1502 Connections
NACE Service



2x2 1502 Integral Plug Valve

Low Torque – Bottom Entry
15,000 PSI NSCWP
2" 1502 Connections
Standard Service



2x2 Threaded Plug Valve

Low Torque – Bottom Entry
10,000 PSI NSCWP
Standard Service –
2" Line Pipe Threads



3x3 1502 Integral Plug Valve

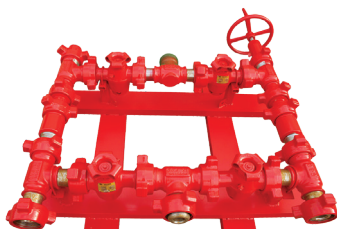
Low Torque – Bottom Entry
15,000 PSI NSCWP
3" 1502 Connections
Manual or Gear Operated
Standard Service

Flow Line Products

Manifolds

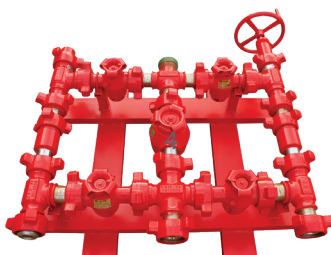
4-Valve Manifold System

Customized to your application Standard Service



5-Valve Manifold

Customized to your application Standard Service



9-Valve Manifold System

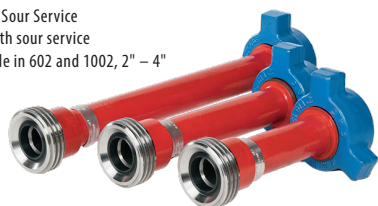
Customized to your application Standard Service



Pup Joints

1502 NPST Pup Joints

Sizes: 2" – 3"
Lengths: 2' – 20'
15,000 PSI NSCWP
Standard or Sour Service
*derated with sour service
also available in 602 and 1002, 2" – 4"



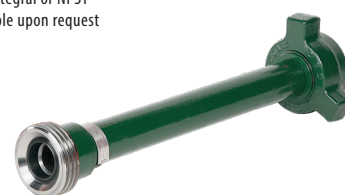
1502 Integral Pup Joints

Sizes: 2"
Lengths: 2' – 12'
15,000 PSI NSCWP
Standard or Sour Service
*derated with sour service



1502 NACE Pup Joints

Sizes: 2" – 3"
Lengths: 1' – 10'
Style: Integral or NPST
*Available upon request



Code Silver Swivel Joints



Code Silver Swivel Joint

Sizes Available:
Style 50 – 1-1/2" and 2"
6,000 PSI NSCWP



Code Silver Swivel Joint

Size Available:
Style 20 – 2"
6,000 PSI NSCWP

Flow Line Products

Integral Fittings



Figure 1502 Straight Ells

Sizes: 2" and 3"
15,000 PSI NSCWP
M x F
Available in reverse



Figure 1502 Cushion Ells

Sizes: 2" and 3"
15,000 PSI NSCWP



Figure 1502 Double Cushion Ells

Sizes: 2" and 3"
15,000 PSI NSCWP



M x M x F Figure 1502 Tee

Sizes: 2" and 3"
15,000 PSI NSCWP



M x F x F Figure 1502 Tee

Sizes: 2" and 3"
15,000 PSI NSCWP



F x M x F Figure 1502 Tee

Sizes: 1/4" – 4", Full Port
Pressure: 1,000 PSI NSCWP
Available in WCB or Full Stainless
Threaded FNPT Ends, Locking Handle,
NACE Compliant



M x F x M Figure 1502 Tee

Sizes: 2" and 3"
15,000 PSI NSCWP



Figure 1502 Cross

Sizes: 2" and 3"
15,000 PSI NSCWP
Fx Fx Fx M, Fx Mx Mx M
*Other configurations available
upon request

Adapters



Integral Male and Female Plug

Sizes: 2" – 4"
Figure 1502
*4" is a figure 1002
Available with taps



Integral Crossover

Sizes: 2" – 4"
Figures: 1502
Configurations: Various



Integral Male Union Swage

Sizes: 2" – 4"
Figures: 602, 1002, 1502
Configurations: Various



Integral Crossover

Sizes: 1" – 4"
Male x NPT Thread
*Other configurations available



Integral Union Crossover

Sizes: 1" – 4"
Female x Female
*Other configurations available



Integral Female Union Swage

Sizes: 1" – 5-1/2"
Multiple combinations available –
call for details



Integral Blast Joint

Sizes: 2"
15,000 PSI NSCWP



Flange Adapter

Flange x Thread
Sizes:
4 Fig 200 Fem X 4 125 Flange
4 Fig 200 Fem X 4 150 Flange

Red Iron Products



Code Red Swivel Joint

Style 10
Sizes: 2" and 3"
MxM, MxF
15,000 PSI NSCWP



Code Red Swivel Joint

Style 50
Sizes: 2" and 3"
MxF
15,000 PSI NSCWP



Positive Choke Valve

Sizes: 2" 1502
15,000 PSI NSCWP



Adjustable Choke Valve

Sizes: 2" 1502
15,000 PSI NSCWP

Accessories



Plug Valve Repair Kit

For all C&C Plug Valves
Kit Includes: Seal Kit, Insert Set
and Plug
*parts are also available for
individual purchase

Choke Replacements

Choke Stems –
Fully lined Carbide Seats



Hammer Unions



Figure 100
1,000 PSI NSCWP
Sizes: 2" – 8"
Threaded, Butt Weld, Socket Weld



Figure 110
2,500 PSI NSCWP and 4,000 PSI NSCWP
Sizes: 2" – 3"
Threaded Ends



Figure 200
2,000 PSI NSCWP
Sizes: 1" – 10"
Threaded, Butt Weld



Figure 200 – Stainless Steel
2,000 PSI NSCWP
Sizes: 1" – 4"
Threaded



Figure 201
EUE Hammer Unions
Sizes: 2", 2-1/2"
3,000 PSI NSCWP



Figure 206
2,000 PSI NSCWP
Sizes: 1" – 10"
Threaded, Butt Weld, Socket Weld
*Available in Stainless Steel
Sizes: 1"-4"



Figure 207 – Blanking Union
2,000 PSI NSCWP
Sizes: 3", 4", 6"
Threaded, Butt Weld, Socket Weld



Figure 211 – Insulating Union
2,000 PSI NSCWP
Sizes: 2", 3"
Threaded Ends



Figure 26H – Hose Barb Union
400 PSI NSCWP
Sizes: 4"



Figure 300
2,000, 2,500 and 12,500 PSI NSCWP
Sizes: 1/2" – 2"
Threaded Ends



Figure 301
3,000 PSI NSCWP
Sizes: 2"
Threaded, Socket Weld



Figure 400, 402
4,000 PSI NSCWP
Sizes: 2" – 4", Threaded Ends
12" – Threaded, Butt Weld
*Figure 402 – seal ring design



Figure 602
6,000 PSI NSCWP
Sizes: 1" – 4"
Threaded, Butt Weld



Figure CGC
6,000 PSI NSCWP
Sizes: 1-1/2" and 2"
Threaded Ends



Figure 1002
10,000 PSI NSCWP
Sizes 1" – 5", Threaded or Butt Weld
6", Butt Weld
5" Threaded @ 5,000 PSI NSCWP
5" and 6" Butt Weld @ 7,500 PSI NSCWP

*combination ends available



Figure 1003 – Mis-aligning Union
7,500 PSI NSCWP
Sizes: 3" – 5"
Threaded, Butt Weld



Figure 1502
15,000 PSI NSCWP
Sizes: 1" – 5"
Threaded, Butt Weld



Sour Gas Service Unions
Sizes: 2" and 3", Figure 1502
2" – 6", Figure 200, Figure 206
*other sizes and figures available upon request



Figure OCT
3,000 PSI NSCWP
Sizes: 1" and 2"
Threaded Ends
*available in insulated option



Solid Male Sub
Figures: 200, 206, 602, 1002, 1502
Sizes: 1" – 5"
*available with taps, sizes and figures vary



Solid Female Sub
Figures: 200, 206, 602, 1002, 1502
Sizes: 1" – 5"
*available with taps, sizes and figures vary



O-Ring, Seal Ring and Metal-backed Seal Ring



Segments*
Sizes: 1" – 3", Figure 1502
Comes in sets of 3



Snap Rings
2,000 PSI NSCWP
Sizes: 2", 3"
Threaded Ends

*When utilizing segments, all segments must be of the same brand and must not be mixed with other brands otherwise connection problems may occur which may lead to possible injury or death.

Seals & Gaskets



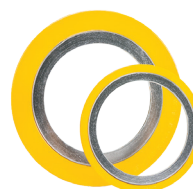
T Gasket
Sizes 1" – 10"
Buna or Viton



Sleeve Coupling Gasket
Sizes: 1" – 12"
Buna or Viton



**O-Ring,
Seal Ring and
Metal-backed Seal Ring**



Spiral-Wound Gaskets
Sizes: 1/2" – 24"
ANSI 150 - 1500

Fittings & Connections



Swage Nipples
Sizes: 1/8" – 8"
Thickness: STD, XH and XXH
End Connections: TBE,
THD x BEV
MSS-SP-95



Bull Plugs
Sizes: 1/4" – 8"
Thickness: STD, XH, XXH
Threaded
Zinc Plated
Available with Taps
MSS-SP-95



Pipe Nipples
Sizes: 1/8" – 4"
Schedules: 40, 80 (XH), XXH



Sleeve Couplings
Diameters: 2" – 16"
Lengths: 5" – 24"
Materials: Buna
*Viton and EPDM available upon request—
lengths vary per diameter
*replacement parts available



Expansion Joints
Sizes: 2" – 12"
150# Flange x Flange
Materials: Buna (Nitrile), EPDM
or Viton
*other sizes available upon request



Flange Adapter
Flange x Thread
Sizes:
4 Fig 200 Fem X 4 125 Flange
4 Fig 200 Fem X 4 150 Flange

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.

- Modifications/Changes
- Positive Material Identification
- Material Test Reports
- Dye Penetrant Testing
- Quality and Technical Documentation
- Supplementary Testing per Customer Requirements
- Welding Capabilities Inspection & Testing

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.*



- Modifications/Changes
- Installs
- Welding Capabilities
- Inspection & Testing



U.S. - Headquarters & Upstream Sales

10350 Clay Road
Houston, Texas 77041
Ph: 844.398.6449

U.S. - Manufacturing & Downstream Sales

13750 Hollister Road
Houston, Texas 77086
Ph: 844.398.6449

Canada - Valve Services & Inside Sales

Unit 3, 2930 - 51st Avenue NW
Edmonton, AB T6P 0E1
Ph: 780.462.9166

Canada - Outside Sales

Calgary Place - Bldg 1
850-330 5 Ave SW
Calgary, AB T2P 0L4
Ph: 403.930.1930