



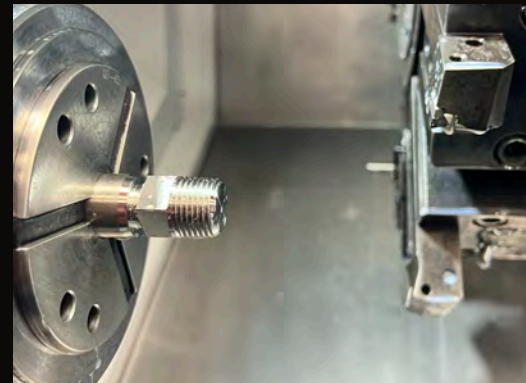
CORROSION MATERIALS

Worldwide Corrosion Resistant Alloy Specialists

CORROSIONMATERIALS.COM

Machining Equipment

Corrosion Materials can provide everything from conventional parts to sophisticated multi-dimensional close-tolerance components. We have the expertise and experience with high nickel alloy components.



6 CNC Mill/Turn Lathes

*Doosan Puma 300 / 300 LM
SMEC SL 3500Y / SL4500
SMART NL4000M / NL2500SY*

- Max. through hole diameter – 6.5"
- Live tooling capability
- Max. turning diameter – 25"
- Max. swing diameter – 30"
- Max. between centers – 88"

Common CNC Parts & Machining

- Pipe threading – 1/8" through 5"
- Taper & through boring
- Flanges up to 18" 150#
- Fittings: stub ends, hex plugs, unions, o-lets, bolts & nuts, ferrules, couplings, pipe nipples 2 1/2" through 4"
- Internal & external threading
- Precision sleeves

2 Machining Centers

*SMEC LCV 66
Milltronics VK4*

- Rotary 4th axis
- Swing parts up to 24" in diameter

Common CNC Parts & Machining

- Bolt holes
- Internal threads
- Socket weld or threaded flanges, conversion up to 3"
- Block pattern fittings through 3"
- Hex or square bar from round bar

1 Manual Mill

Webb

Common Parts & Machining

- Small diameter holes drilled & tapped
- Special milling & slitting operations

3 Manual Lathes

*Hwacheon HL 18" x 40"
Kingston Heavy Duty 34"
Kingston Heavy Duty 22"*

- Used as second operation stations on many CNC parts
- Max. turning diameter – 25"
- Max. between centers – 70"

Common Parts & Machining

- Precision sleeves
- Facing and grooving ferrules
- Taper and through boring
- Drill/through bore up to 5" in diameter x 40" long

1 Turret Lathe

Jones & Lawson

- Max. through hole diameter – 6"

Common Parts & Machining

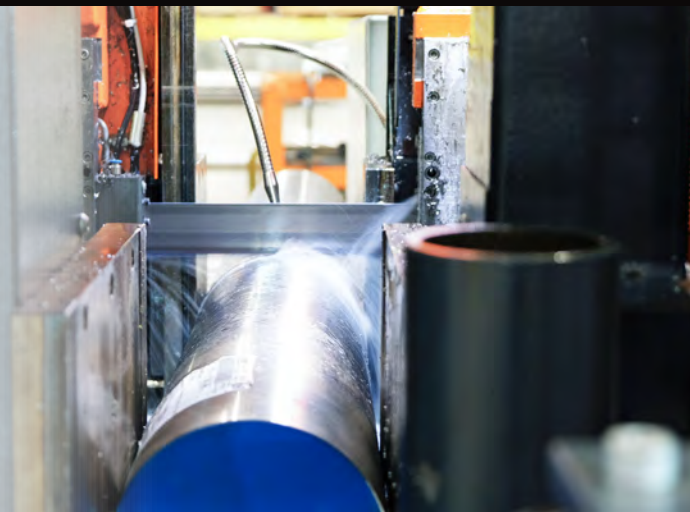
- Drilled bar
- Pipe nipples and threaded pipe – 1/8" through 2"
- Couplings
- Cutting & rethreading bolts
- Tapping nuts
- Branch connections
- Eccentric reducers

 *Materials Technology Institute*

*CNC machines programmed using GibbsCAM CNC software.

Processing Equipment

- HE&M / Kasto** Band Saws
- Alltra** Hi-Def Plasma Cutting Machine
- Flow** Waterjet Cutting Machines
- Cincinnati** Shear



Standard Parts

- Flanges (*all types*)
- Stub ends (*MSS, ASA, & custom lengths up to and including 20"*)
- Couplings (*all types*)
- Weld-o-lets
- Soc-o-lets
- Thread-o-lets
- Elbow-o-lets
- Lateral-o-lets
- Pipe plugs (*all types*)
- Block pattern fittings
- Hex bolts and nuts (*Standard & Metric*)
- Nipples
- Shaft sleeves
- Concentric reducers
- Eccentric reducers
- Swage nipples
- Hose barb fittings
- Tapered pins
- Drill through or blind holes in bar
- Face, thread or bevel pipe



We weld stub ends, tees and small assemblies.

Custom Parts

We also machine and weld custom parts to customer drawings. Please contact your Corrosion Materials' Sales Representative and challenge us with your unique requirements.



Baker

2262 Groom Road
Baker, LA 70714
800.535.8032 toll free
225.775.3675 phone
225.774.0514 fax

Houston

12305 Cutten Road
Houston, TX 77066
800.455.2276 toll free
713.939.0364 phone
713.939.1126 fax

Bolingbrook

400 Quadrangle Drive, Ste C
Bolingbrook, IL 60440
800.706.7471 toll free
630.226.1043 phone
630.226.1044 fax

Auburn

9 Saint Mark Street
Auburn, MA 01501
844.442.0818 toll free
774.321.6212 phone
774.321.6206 fax

Shanghai

333 Jiujiang Road
Shanghai, China 200001
86-21-6045 2221 phone
86-21-6045 2225 fax



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