

Engineering Manufacturing Services



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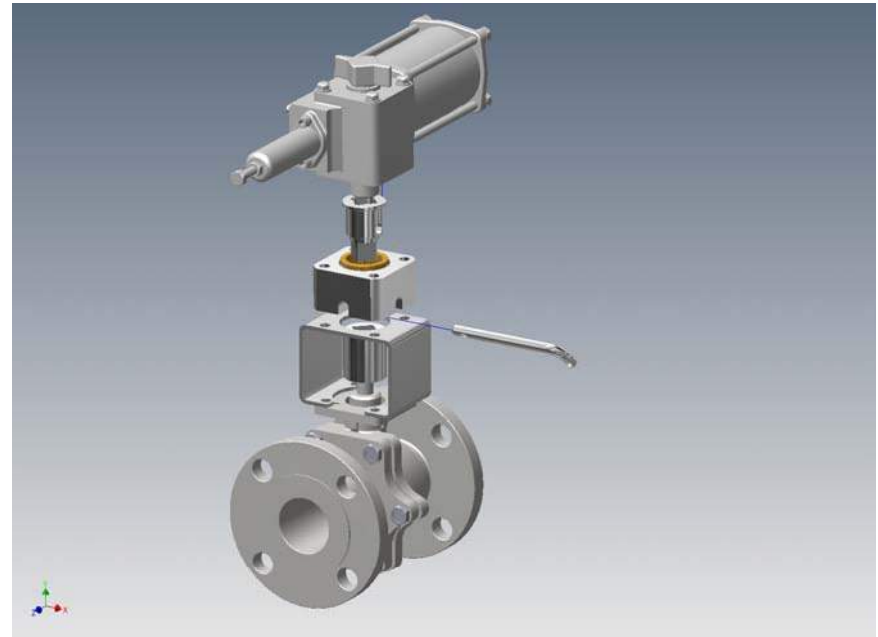
About



- Est. 1985 and incorporated 1988
- 12500 sq. foot manufacturing facility with offices
 - 17 full time employees
 - Licensed engineer on staff

Engineering

- Design and CAD drawings generated for every kit before production
- 3D modeling available
- Vast mounting information on valves and actuators from brands A-Z



Equipment

- LVD 150 ton 10' 5 axis CNC press brake
- LVD $\frac{1}{2}$ "-10' hydraulic shear
- Abrasive waterjet CNC cutting system
- Haas vertical machining center



Equipment

- Okuma LBX 3000 EX with live tooling and "Y" axis
- Okuma MV460 vertical machining center
- Haas CNC lathes
- Chevalier CNC lathes

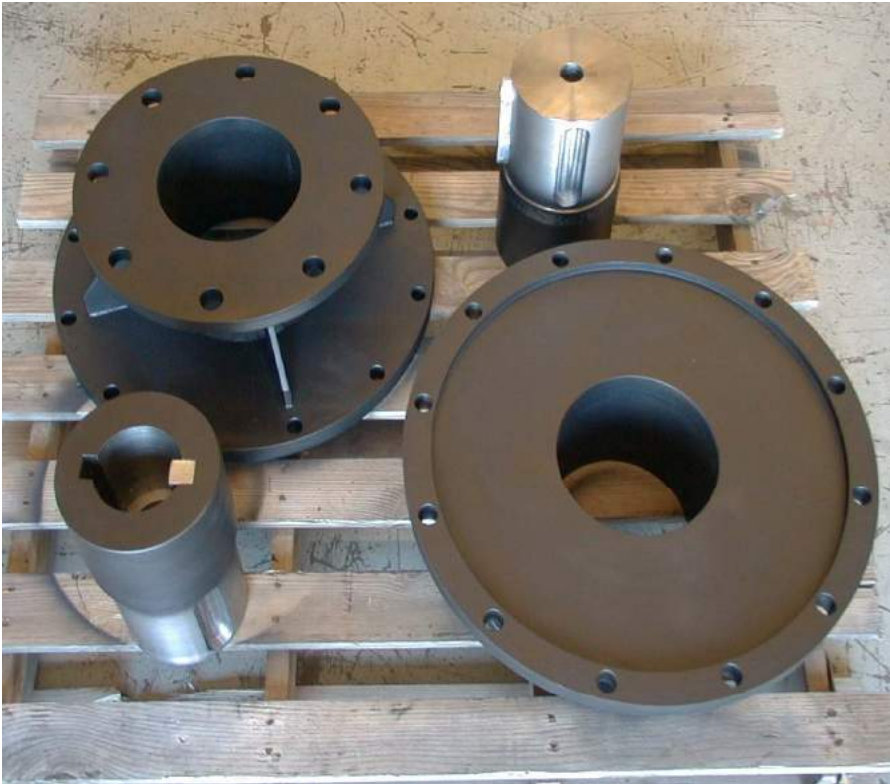


Manufacturing

- EMS manufactures kits using 303/304/316 stainless steel and other materials upon customer request
- Manufactured parts are 100% inspected
- All parts are marked with a part number for fast and easy reorders
- Kits are packaged with fasteners and/or accessories as required



Mounting Kits



16" 600# Rockwell to a
Bettis G50



20" Xomox 20367 to a
Mastergear M60

EMS Mounting Kit Specification

General

- * EMS standard mounting kit is 300 series SS
- * All kits are designed by trained designers and approved by a licensed engineer
- * AutoCAD drawings are generated for each part
- * All manufactured parts are 100% inspected
- * All parts are marked with a part number for easy reorder
- * All kits are packaged with fasteners and/or accessories and labeled with customer's PO# and EMS kit number.

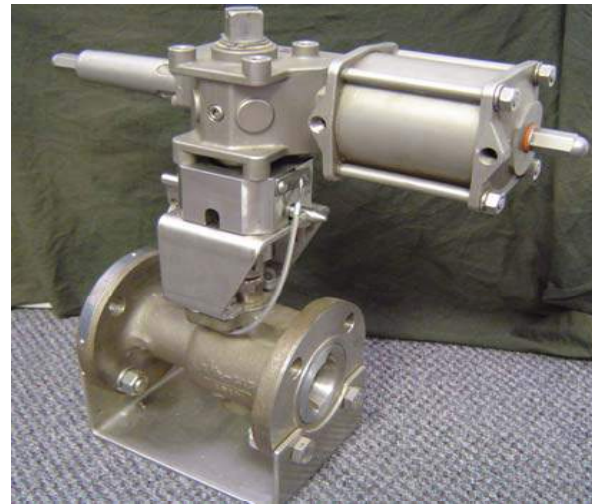
Bracket Specification

- * 304SS is our standard, but any material may be quoted
- * EMS does not use SS tubing
- * Brackets are made from SS plate by shearing or by waterjet
- * EMS bends the final bracket to height tolerances of +/-0.030".
- * All brackets are deburred and time saved for a uniform and attractive appearance

Coupling Specification

- * Couplings are cut from 303SS round bar, but any material may be quoted
- * Couplings will not interfere with valve packing
- * Couplings are made on CNC machining centers
- * Couplings are pocket milled for highest strength and quality

AdjustaLok®/RetroLok®



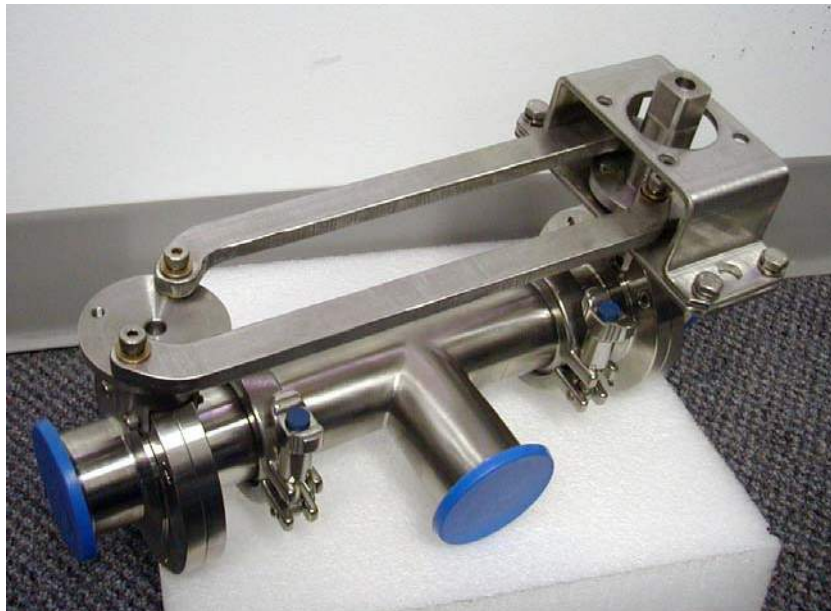
Locking out automated valve package
For additional information, please visit www.emsco-nc.com/retrolok.html

Switchlink ®

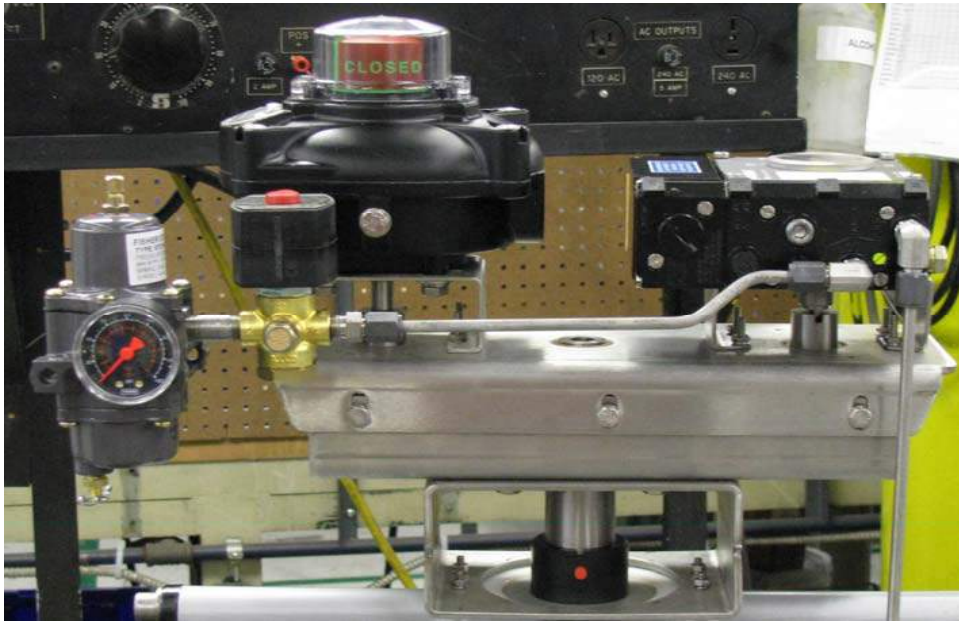


Switch mounting for manually operated valves
For more detailed information, please visit www.emsco-nc.com/switchlink.html

Tandem Valve Linkage



Tandem Switch Linkage



Tandem switch linkage allows either 2 switches or a switch and positioner to be mounted on a single actuator.



Stem Extensions



Extensions for remotely operated valves

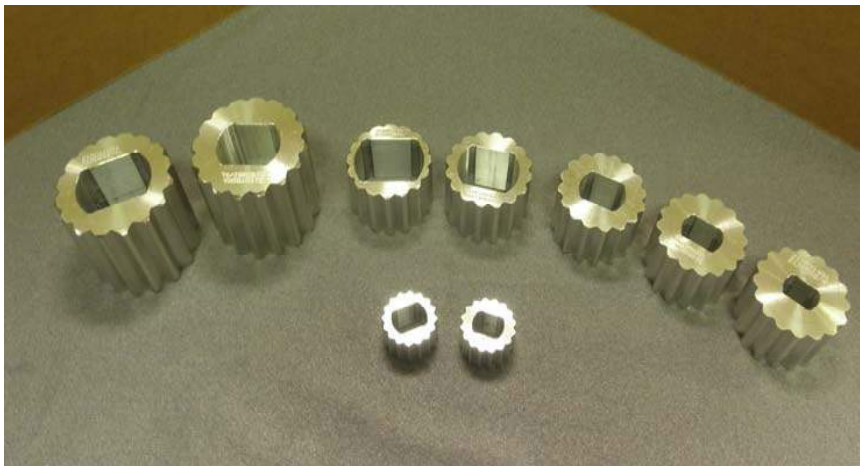
Accessories



10 Position stainless steel handle



Switch/positioner hardware



Aluminum & stainless steel inserts



Handle