CONTRACT MANUFACTURING
INNOVATION ACROSS INDUSTRIES

www.sjogren.com
MADE IN USA
CNC MULTITASK EQUIPMENT

- **OKUMA MULTUS U3000 – 6 AXIS**
  - Twin Spindle
  - 25” max turning diameter, 59” max turning length
  - 8” chucks and collet noses
  - Lower turret, 12 stations both sides
  - Upper turret 240° B-axis range
  - Live tooling, 80 tool ATC
  - Bar feeder up to 2-1/2” diameter

CNC TURNING EQUIPMENT

- **SHIMADA**
  - Twin spindle with Fanuc LR Mate 200ID Robot
  - Twin track part feeder
  - 6” Max turning diameter
  - 5” Max turning length
  - 6,000RPM Spindle
  - 8 station turret

- **MORI SEIKI SL-150**
  - 16” max turning diameter, 20” max turning length
  - 6” chuck and collet noses
  - Bar feeder up to 1-5/8” diameter
  - Part collector
  - Live tooling - all stations
  - 12 station turret

- **MORI SEIKI SL-25**
  - 20” Max turning diameter, 20” max turning length
  - 10” chuck, 2 5/8” diameter thru hole
  - 10 station turret
  - Pneumatic tail stock

- **HAAS SL-40 LATHE**
  - 25” turning diameter, 44” max turning length
  - 4 5/8” hole thru spindle, 12”, 15” & 18” chuck
  - Programmable tailstock
  - 10 station turret

- **OKUMA VERTICAL TURNING LATHE**
  - 12 station turret
  - 75HP main motor
  - 4,000lb max load
  - 39” turning diameter
  - 27” max turning length
  - 36” diameter chuck
CNC MILLING EQUIPMENT

- **MATSUURA HS-300RP HORIZONTAL MILLER – 4 AXIS**
  - 20" x 22" x 20"
  - 320 tools/15 pallets
  - Renishaw probe

- **HAAS HS-2RP HORIZONTAL MILLER – 4 AXIS**
  - 38" x 35" x 30" Dual Pallet
  - 40 tool capacity
  - Renishaw probe

- **OKK MCV-560 VERTICAL MILLER – 3 AXIS**
  - 41" x 22" x 20"
  - 30 tool capacity
  - CAT 50 Spindle
  - Renishaw probe

- **MATSUURA MC-800V VERTICAL MILLER – 3 AXIS**
  - 32" x 17" x 19"
  - 30 tool capacity

MANUAL TURNING EQUIPMENT

- **OKUMA MODEL 21 ENGINE LATHE**
  - 21" Turning Diameter, 57” maximum turning length

- **HARDINGE HLV-H SUPER PRECISION TOOL ROOM LATHE**
  - 1.5HP, 3000RPM
  - 5-C collet closer
  - 6" - 6 jaw chuck
  - 6" Over Cross Slide
  - 18" Turning Length
  - 1.25" Thru Hole
MANUAL MILL

- **CINCINNATI MODEL 1-18 PRODUCTION MILLER**
  - 3HP, 1400RPM
  - 8"x10"x8"
  - 2 units

- **BRIDGEPORT EZTRAK SERIES 1**
  - 36"x12"x16"

- **TRAK TRIM MX2 WITH PROTO TRAK CONTROL & QUICK CHANGE TOOLING**
  - X-26.5", Y-17", Z-23.5"

- **BRIDGEPORT SERIES 1**
  - 36"x12"x16"

- **LAGUN FTV-2 WITH PROTO TRAK CONTROL & QUICK CHANGE TOOLING**
  - X-26", Y-18", Z-23.5"

- **MOORE #3 JIG BORER**
  - 18"X11"X20"

GRINDING/HONING EQUIPMENT

- **BLANCHARD GRINDER**
  - 42" Table

- **OKAMOTO SURFACE GRINDER**
  - 8" x 24" max height 10"

- **BROWN & SHARPE CYLINDRICAL GRINDER**
  - 12" OD x 36" Long

- **HEALD MODEL 72A**
  - ID Grinder—Redhead

- **SUNNEN HORIZONTAL HONING MACHINE**

- **REID SURFACE GRINDER**
  - 6"X18"

- **HARIG SURFACE GRINDER**
  - 6"X12"
SAWS

- **DOALL VERTICAL BAND SAW**
  - 25" throat, angle tilt table to 40°
  - Power feed
  - 24"x30"x25" table size

- **MARVEL HORIZONTAL BAND SAW**
  - 10"x12" rectangular, 10" round
  - Auto feed

- **SEVERALL ABRASIVE CUTOFF**
  - 3"

ASSEMBLY CAPABILITIES

- **FULL ASSEMBLY CELL OPERATION**
- **ABILITY TO PROVIDE COMPONENTS OR FULL INTEGRATED PARTS**
- **FULFILLMENT CAPABILITIES**

INSPECTION EQUIPMENT

- Brown & Sharpe PFX CMM
- Mitutoyo PH-3500 Optical Comparitor
- J&L Metrology QBC14 Optical Comparitor
- Brown & Sharpe Tesa Hite
- Small Machine & Design Hardness Tester

SOFTWARE CAPABILITIES

- 3D Modeling with AutoDesk Inventor 2019
- AutoCAD 2019
- MasterCam 2019
Sjogren Industries USA: delivering innovation across the full spectrum of the sub contract industry for nine decades. Today's global marketplace means looking everywhere for greater efficiency. Through engineering insights and working closely with customers, Sjogren continues to introduce small enhancements in components that add up to big differences in productivity and efficiency for our customers. Our global approach allows us to serve clients on every continent, and our world of industry experience lets us work with individual businesses to create custom solutions few can equal. With a full line of equipment and 90+ years of experience in the industry, no job is too large. Our fully staffed engineering department ensures the delivery of an appropriate solution with engineered prints and 3-D modeling.

In addition, Sjogren continuously invests in its manufacturing processes through a climate controlled manufacturing facility with state of the art equipment, which adds value to Sjogren's precision engineering and manufacturing mitigating communication barriers and enabling technical problems solved quickly, and speeding decision-making. Customers are encouraged to have live interaction with Sjogren's top engineers so that nothing is lost in the translation.