

# GROVTEC MACHINING

**GET A QUOTE**

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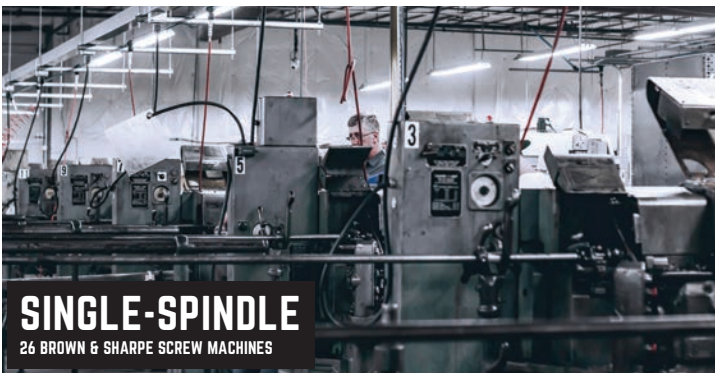
## MULTI-SPINDLE

26 DAVENPORT, 8 WICKMAN & 14 ACME SCREW MACHINES



## CNC MACHINING

3 HAAS MILLS, 10 SWISS TURNING & 2 LATHES



## SINGLE-SPINDLE

26 BROWN & SHARPE SCREW MACHINES



## 2ND OPERATIONS

MILLING, DRILLING & TAPPING, RIVETING,  
STAMPING, DEBURRING & FINAL ASSEMBLY



## SOFT GOODS

SEWING, CUTTING, LAMINATING, PACKAGING & MORE



## SURFACE FINISHING

ALL PLATING & OXIDATION OPTIONS, PASSIVATION,  
HEAT TREATING, TUMBLING AND SAND BLASTING

# MACHINING CAPABILITIES

*Machining Tolerances:  
Aerospace Standards*

## MATERIALS:

- STEEL
- BRASS
- STAINLESS
- TITANIUM
- ALUMINUM
- PLASTIC

## MULTI-SPINDLE SCREW MACHINES (26 DAVENPORTS, 14 ACMES, 8 WICKMANS)

- MATERIAL SHAPES: ROUND, HEX, SQUARE
- SIZES
  - DIAMETERS OF 0.0625" TO 2-5/8"
  - LENGTHS OF 0.020" UP TO 4"

## SINGLE-SPINDLE SCREW MACHINES (22 BROWN AND SHARPE)

- MATERIAL SHAPES: ROUND, HEX, SQUARE
- SIZES
  - DIAMETERS OF 0.03125" TO 1.625"
  - LENGTHS OF 0.0156" TO 24"

## CNC VERTICAL MILLING – (2 HAAS-4<sup>TH</sup> AXIS, BRIDGEPORT, 1 HAAS EC 400 HORIZONTAL MILL)

- TRAVEL X = 30" Y = 16" Z = 20"
- FEED = 1,000 IN/MIN
- 30 HP

## CNC MILLING CENTER (2 FANUC ROBO-DRILLS)

- ROBOT LOADER
- HIGH PRESSURE COOLANT
- 4<sup>TH</sup> AXIS ROTARY TABLE

## CNC TURNING (2 DOOSAN, 1 EUROTECH)

- MATERIAL SHAPES: ROUND, HEX, SQUARE
- SIZES
  - DIAMETERS 0.250" TO 2.5"
  - LENGTHS 0.020" TO 20"
- FULL C/Y AXIS WITH LIVE TOOLING

## CNC SWISS – (4 CITIZEN, 1 HANWA, 2 STAR)

- MATERIAL SHAPES: ROUND, HEX, SQUARE
- SIZES
  - DIAMETERS .187" TO 1.00"
  - LENGTHS 0.202" TO 60"
- 7 AXIS WITH LIVE TOOLING

## TORIN SPRING COIL MACHINE

- .008 TO .028 WIRE DIAMETER
- UP TO 0.625 DIAMETER
- COMPRESSION, EXTENSION & CONICAL
- KNIGHTS OVEN FOR TEMPERING

## NILSON FOURSIDE MACHINES (#2, #3)

- 0.0625" TO 0.1875" WIRE SIZE
- TOOLING MADE IN-HOUSE

## SURFACE FINISHING

- ALL PLATING/OXIDATION OPTIONS
- PASSIVATION
- HEAT TREATING

## SECONDARY OPERATIONS

- RIVETING
- MILLING
- DRILLING/TAPPING
- HIGH SPEED DEBURRING
- STAMPING
- SAND BLASTING
- ASSEMBLY

# SOFT GOODS PRODUCTION CAPABILITIES

## *Precision Industrial Sewing and Fabrication*

- IN-HOUSE DEVELOPMENT AND ENGINEERING
- STATE OF THE ART PROGRAMMABLE JUKI SEWING MACHINES
- INTERNAL MATERIAL DIE-CUT CENTER
- AUTOMATED CNC STRAP CUTTING CENTER

# ASSEMBLY CAPABILITIES

## *Multi-Stage Process Development*

- ENGINEERING DESIGN SUPPORT
- IN-HOUSE ASSEMBLY TOOL DEVELOPMENT
- SKILLED TEAM

