

SHAPING THE FUTURE OF MACHINING SOLUTIONS



Steelcrest Precision is your go-to partner for all of your precision machining and fabrication needs. As one of the largest machining shops in the Midwest, we take pride in serving customers worldwide, delivering quality machining and fabrication solutions, from prototype to production.

Over 40 Years of Experience

Established in 1983 we have the experience to aid you in any project. We are committed to the pursuit of excellence in all we do.

Precision Machining

Top-tier dimensional precision capable of holding tolerances down to 5 microns, holding surface finishes down to an RA of 3, and handling sizes from 3mm to 3 meters.

Contract Machining House

With over 100K sq ft. of machining space we have the in-house resources for projects large or small. We are your trusted provider for turnkey projects from 1 to 1,000,000 pieces.

World-Class Customer Service

Proudly providing best-in-class customer service, including connecting customers directly with in-house experts. With decades of experience, you can count on us to meet your needs.

How We Can Help You

In-House Quality Control

- 2 two hexagon CMMs, operating PC-DMIS software with a maximum measuring envelope of X=1.5, Y=3M, and Z=1M.
- MicroVu, OGP Smartscope and Keyence IM-7030
- FAROARM with 108" range and 3D scanning for reverse engineering

100+ CNC Machines

- Lathe (Swiss, multi-spindle and turret)
- Mill (Oversized vertical and horizontal)
- Grind (Surface, OD, and Blanchard)
- EDM (RAM and Wire)
- 5+ Axis Milling and Turning

Special Processes (Internal and External)

- In-house sawcut, heat treat, carbonite, and laser etching
- In-house welding and fabrication capabilities
- Expansive raw material inventory
- Robust and proven supply chain for all value add services. Our suppliers are dedicated to maintaining the same quality standards you expect from us.

Precision Machining & Fabrication

Capabilities and Capacity

CNC MACHINING

- (28) CNC Lathes up to Ø26" x 160" long
- (03) CNC Lathes with Live Tooling up to Ø15" x 26" long
- (03) CNC Lathes with Milling & Y-axis up to Ø16" x 80" long; Y=6"
- (02) CNC Lathes Dual Spindle up to Ø10" x 8" long
- (04) CNC High Precision Swiss Lathes barfed up to Ø1.5"
- (36) CNC Vertical Mills up to X=32" Y=120" Z=30"
- (05) CNC 5-Axis Vertical Mills up to X=30" Y=20" Z=20" B=360° C=360°
- (03) CNC Integrex Multi-Tasking Machines up to X=24" Y=9" Z=62" X2=9" Z2=54" W=42" B=240°
- (01) Hyper Quadrex up to X=8.5" Y=4" Z=50.5"
- (08) CNC Horizontal Machining Centers up to X=64" Y=50" Z=32"
- (01) CNC Bridge Mill up to X=81" Y=70" Z=31"
- (01) CNC Gantry Mill up to X=121" Y=61" Z=12"



EDM MACHINING

- (02) RAM up to X=24" Y=14" Z=10"
- (05) Wire up to X=31" Y=28" Z=11"

GRINDING

- O.D. Grinding up to Ø16" x 60" long
- Surface Grinding up to X=32" Y=20" Z=18"
- Blanchard up to Ø36"
- Honing up to 8"

QUALITY

- CMM capabilities up to X=59" Y=118" Z=39"
- Faro Arm with 108° Measuring Range and 3D
- Scanning Capabilities
- Micro-Vu, OGP SmartScope, and Keyence IM-7030
- Full Service Metrology Lab

ENGINEERING & SOFTWARE

- SolidWorks, Mastercam, Spaceclaim, and PC Demis

METAL FABRICATION

- Paint Booth up to W=16' H=14' L=25'
- Mig, Tig, and Multi-Process SMAW Welders
- 100 Ton Hydraulic Press

OTHER

- Vertical, Horizontal and Cold Saws up to 10" x 24'
- Heat Treat and Tempering Furnaces up to X=12" Y=12" Z=15"
- Laser Etching
- Carbinite Surface Texturing Machine

