



Springmasters & CNC Precision Machining

high-precision machined parts, wire forms, & springs

Springmasters is a custom manufacturer specializing in machined parts, wire forms, assemblies, compression springs, extension springs, and torsion springs since 1957. We are a leading supplier for the transit and freight industry, but we also proudly serve the medical, agricultural, aerospace, automotive, military, motorsports, and consumer products industries.

We deliver quality products with precision and versatility, and are experts at rapid prototyping. Because of the exacting standards within our industry, our manufacturing capabilities ensure quality in every product we make. State-of-the-art manufacturing equipment allows us to produce products from a variety of metal and plastic compositions. Quantities can range from one piece to large production runs.

In-House Machining & Process Capability:

- Honing
- Centerless grinding
- Soldering
- Brazing
- Assembly work
- CNC turning
- CNC milling
- Swiss turning
- Electro-mechanical assembly

Product Highlights:

- Wire forms
- Assemblies
- Compression springs
- Extension springs
- Torsion springs
- Rapid prototyping of any part

Spring Winding Capabilities:

- CNC coiling: 0.008 to 0.500 wire
- Flat work up to 0.125 inches
- Grinding
- Stress relief
- Secondary work all



Springmasters is ISO 9001: 2008 certified.

Springmasters provides rapid response and quick turnaround.

**Contact us for more information or send us your specs for a quick quote on your next project:
(864) 877-5100 • spmsales@mw-ind.com • www.mw-ind.com/SPM**

Machining Capabilities

Swiss Turning

- 1 Citizen F20: \varnothing 0.188-0.750, up to 11 inches length
- 1 Citizen A20: \varnothing 0.125-0.750, up to 6.5 inches length
- 1 Citizen L32: \varnothing 0.188-1.250, up to 12.5 inches length



CNC Turning & Chucking

- 2 Okuma Cadet Turning Centers: \varnothing 0.250 - 2.500, up to 13 inches length
- 2 Okuma Cadet Chuckers: \varnothing 0.500 - 8.000+, up to 13 inches length
- 1 Mazak Chucker: \varnothing 0.500 - 8.000+, up to 13 inches length
- 1 Takamatsu Chucker: \varnothing 0.125 - 1.063, up to 8.000 inches length
- 1 Nakamatsu Chucker: \varnothing 0.125 - 1.063, up to 8.000 inches length
- 1 Nakamura-Tome TMC-18: Barfeed up to \varnothing 1.000, chuck up to \varnothing 6.000
- 1 Nakamura-Tome TMC-20: Barfeed up to \varnothing 2.000
- 1 Nakamura-Tome TMC-20 (Chucker): Chuck up to \varnothing 8.000
- 1 Nakamura-Tome SC200: Barfeed up to \varnothing 2.500, live tooling
- 1 Nakamura-Tome TW20: Barfeed up to \varnothing 2.500, live tooling, true y-axis



CNC Milling

- 2 Mazak Mills (VTC 16): 44 x 16 x 20 table, 24 tools
- 1 Matsuura 660 VG: 32 x 19 x 22 table, 30 tools
- 1 Matsuura 800 V: 32 x 19 x 22 table, 30 tools
- 1 Haas VF2: 20 x 16 x 20 table, 20 tools
- 1 Robodrill: 25 x 15 x 16 table, 21 tools
- 4 Haas rotary tables allow for semi 4th & 5th axis machining in all mills.



Honing, Grinding & Secondary Machining

- Honing: \varnothing 0.250 - 3.250, up to 7.000 length
- Grinding: \varnothing 0.5000 - 3.000, up to 6.000 length
- Miscellaneous manual machines for turning, milling, and drilling; miscellaneous sawing.

Wide Range of Materials & Finishes

Carbon, alloy steels, stainless, brass, nickel alloys, plastic, nylon, silver, tungsten, aluminum, and titanium. Our trusted and certified vendors offer heat treating and a wide range of platings and coatings.

Inspection & Testing

CMM and optical comparator, height gages, pin gages, bore gages, profilometer, and many other precision gages.



Springmasters
1450 S. Buncombe Rd.
Greer, SC 29651

(864) 877-5100 P
(864) 879-4518 F
www.mw-ind.com/SPM



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