

ABBATRON

HHSMITH



GHPLUGS



TURNING MACHINE ABILITIES – CNC SWISS PARAMETERS

The GenTurn SL-20Y2 8 axis twin spindle Swiss CNC lathe with the Edge Scout 320 bar feeder combination can provide you parts at a fast and low cost. Here is a list of some parameters associated with the machine.

- Max Bar length: 12'
- Max Bar Diameter: 23mm (.906")
- Max distance between spindles: 23.6"
- Maximum Drilling / Tapping Capacity: 10mm Drilling Capacity / M8 Tap – Main Spindle
- Cross Drilling / Tapping Capacity: 8mm Drilling Capacity / M6 Tap – Main Spindle
- Maximum Workpiece Length for Front Ejection: 110mm Maximum Part Length for Front Ejection from Sub spindle
- Bar stock materials: Brass, aluminum, copper, mild steel, plastics.



ADDITIONAL MACHINES AND CAPABILITIES

Mazak Quick Turn 20 machine – (10) Brown & Sharpe Screw Machines –
(3) Manual Milling Machines – (2) Band Saws – (2) Surface Grinders – (27) 3 Ton Presses –
(1) 12 Ton Press – (5) 22 Ton Presses – (2) 35 Ton Presses – (2) Molding machines –
Automated Wire Stripping machine – (3) Solder Stations – (9) Drilling Stations

Corporate Facilities

13680 South Mosiertown Road, Meadville, PA 16335

Phone: 814-724-6440 • Fax: 814-333-1912

Sales: 814-333-1122 • Email: sales@abbatron.com

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A WORD ON OUR CUSTOM CAPABILITIES

Abbatron offers technical support for existing applications and design services by using Creo Parametric and AutoCAD to aid in the creation of a new product or alteration of an existing component to fit customer specific applications.

Manufacturing Processes

- Machining: turning, grinding, drilling, secondaries
- Stamping
- Molding, Overmolding
- Assembly, automated and manual

Our heritage includes over 60 years of experience designing and manufacturing both custom and standard electronic connectors, components, cable assemblies, and electronic hardware. Customer success is Abbatron's driving principle. We consider not only the functionality of a component, but also design improvements, such as the following:

Value: minimize the component's cost by suggesting alternative materials, plating, or production techniques to provide the same functionality at a lower cost to you.

Assembly Process: explore how different designs might make your assembly process easier or less costly.

Quality: consider quality from the start, making design suggestions to improve quality and reliability.

ABBATRON PRODUCT OFFERINGS

The Abbatron Team are proud providers of American-made electronic components with related design and support services for industrial, audio, aerospace, and US government customers. Abbatron's focus is to promote customer success by delivering quality components and services on time and on budget.

Abbatron offers a wide array of electronic hardware components.

Please be sure to visit www.Abbatron.com for a more complete list of sizes and options.

PLUGS, JACKS, and POSTS

- Standard, Miniature, and Giant Banana Plugs
- Standard, Miniature, and Giant Banana Jacks
- Binding Posts: Spring Loaded, Knob Type, Dual, Insulated, and Metal Styles

TEST ACCESSORIES

- Dual Instrument Test Adapters
- Test Lead Kits
- Alligator Clips
- Test Prods
- Test Leads
- Jumpers

SPACERS and STANDOFFS

- **Aluminum** – provide a compromise between weight and strength.
- **Brass** – most common material for high quality spacers and standoffs.
- **Nylon** – is a general-purpose insulating material for spacers and standoffs.
- **Phenolic Spacers** – when higher temperatures are encountered.
- **Ceramic Standoffs** – will withstand very high operating temperatures and very high voltages without flash-over.

HARDWARE

- Bumpers and Chassis Feet
- Cable Clamps and Strain Reliefs
- Caterpillar Grommets and Standard Grommets
- High Voltage Insulators
- Hole Plugs
- Instrument Handles
- Insulated Washers
- Shaft Accessories
- Solder Lugs and Terminal Strips

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