

For more than 40 years, the Mechanical Divisions of Electro-Mechanical Corporation have been providing world-class aluminum casting and machine and parts fabrication services for a diverse mix of customers. This customer base includes manufacturers of mining, industrial, electrical and consumer products such as couplers, switches, housings, and guides.

Backed by a manufacturing engineering department complete with product and tool design, quality control production control, plant engineering, maintenance, tool room and machine rebuild specialists, the Mechanical Divisions of Electro-Mechanical Corporation offer start-to-finish design, machine and part fabrication capabilities. Computer-aided design and state-of-the-art CNC machines insure accuracy and repeatability.



Continuous Improvement training and state-sponsored apprenticeship programs keep EMC Machine Services personnel current on all aspects of machine operation and the latest production techniques. With more than 200 years of collective machine shop expertise, the Machine Services Division continues to grow to serve the ever-changing needs of our customers.

Metal Castings Company and the Machine Services Division are part of Electro-Mechanical Corporation, one of the largest privately-owned corporations in the United States, and backed by more than 40 years experience in design and manufacturing.

- Sand and Permanent Mold Aluminum Castings
- Complete Machine Shop Services
- Product Design
- Prototype To Medium Production Quantities
- Tool Design And Construction
- Equipment Design And Construction

## World-Class Design, Casting, Machine and Fabrication Services



**METAL  CASTINGS**

15331 Industrial Park Road • Bristol, VA 24201  
(276) 669-3711 • FAX (276) 669-0093  
Internet: <http://www.electro-mechanical.com>

[Return to Main Page](#)

**METAL  CASTINGS**

# Equipment - Capabilities



**Okuma M50H Horizontal Milling Center** - 40 Tools, 24" x 31" Pallet

**Okuma 1420 Lathe** - 50" Center Distance, Tail Stock, 10 Tools

**Okuma Captain Bar Feed Lathe**

**Okuma Vertical Mill (MC5VA)** with OSP 5000 Control, 40" x 20" x 20" Envelope.

**Roku-Roku Vertical Mill** with A.B. 8400 Control, 20" x 10" x 10" Envelope.

**Varnamo Vertical Mill** with Antilam Crusader Control, 30" x 10" x 5" Envelope

**Miyano CNC Lathe, JNC 45** with Fanuc OT Control, Sub-Spindle and Live Tooling. Spogo Hydraulic Bar Feed, 1-3/4" Diameter Capacity

**Mori Seiki CNC Lathe, SL25Y/1000**, with MF-T6 (Fanuc) Control. 10.0" Maximum Turning



Diameter x 42" Long. Turret is Equipped with "Y" Axis and Live Tooling. Machine is Equipped with Steady Rest, P/Tail Stock and Chip Conveyor

**Mazak CNC Lathe, M4** with Fanuc 5T Control, 50" x 10" Diameter Envelope

**Auto Turn, Peg Board Programming Turret Lathe**, 1-1/6" Diameter Capacity with B/Feed (2)

**Brown Sharpe #2G Automatic Screw Machines**, 1-1/2" Diameter Capacity with B/Feed (2)

**Warner Swasey #3 Turret Lathe** with Collet System, Three and Four Jaw Chucking (2)

**K & T Horizontal Mill, TF 425**, Table Size 17-1/2" x 97", 25 H.P. with Universal Vertical Head

**Knee-Type Bridgeport Mills** with DRO and Power Feeds (5)



**Engine Lathes** to 17" SW x 40" (2)

**Colonial Vertical Broach Machine**

**Davis Key Seater Model 15**

**Automatic Horizontal Saw** > 10.0" Diameter

**Vertical Band Saw** - 18" Throat (2)

**Gang Drill Presses with Tappers** (6), **Single and Dual-Spindle Drill Presses** (5), **Burgmaster Turret Drill Press**

**Federal 60-Ton Punch Press**

**Zap-Tapper**

**Cold-Cut Saws**, Manual (2)

**Vibratory Finisher** (4 Cubic Foot)

[Return to Main Page](#)