

TOOL & DIE

“To become one of the world’s leading brands, companies need to consistently deliver exceptional products. Ehrhardt makes this possible.”

For over 75 years, many of the world’s leading OEMs have relied on Ehrhardt Engineered Solutions as a trusted partner for precision tools, dies and gages. By combining our extensive knowledge of both tooling development and manufacturing operations, we engineer innovative solutions that provide lower cost of ownership over the lifetime of a product.

OUR PROCESS:



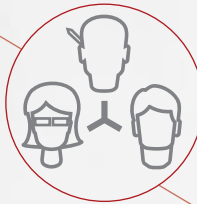
DISCOVERY & SCOPE

- Determine manufacturability of product
- Review specifications
- Assess feasibility



TURN-KEY SOLUTIONS

Partner with Ehrhardt’s Special Machines & Automation team to provide a “one-stop-shop” for a fully integrated solution.



COLLABORATIVE DESIGN

- Identify ways to increase throughput
- Prioritize needs: cosmetics, cost, flexibility
- Assess way to combine parts.
- Evaluate ongoing maintenance



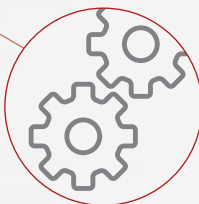
ONGOING SUPPORT

Apply precision manufacturing capability to reduce ongoing costs and time associated with repair, replacement parts and engineering changes.



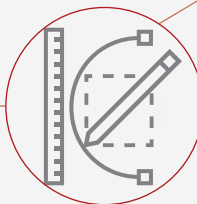
DESIGN REVIEW & QUOTING

Internal review to achieve customer objectives.



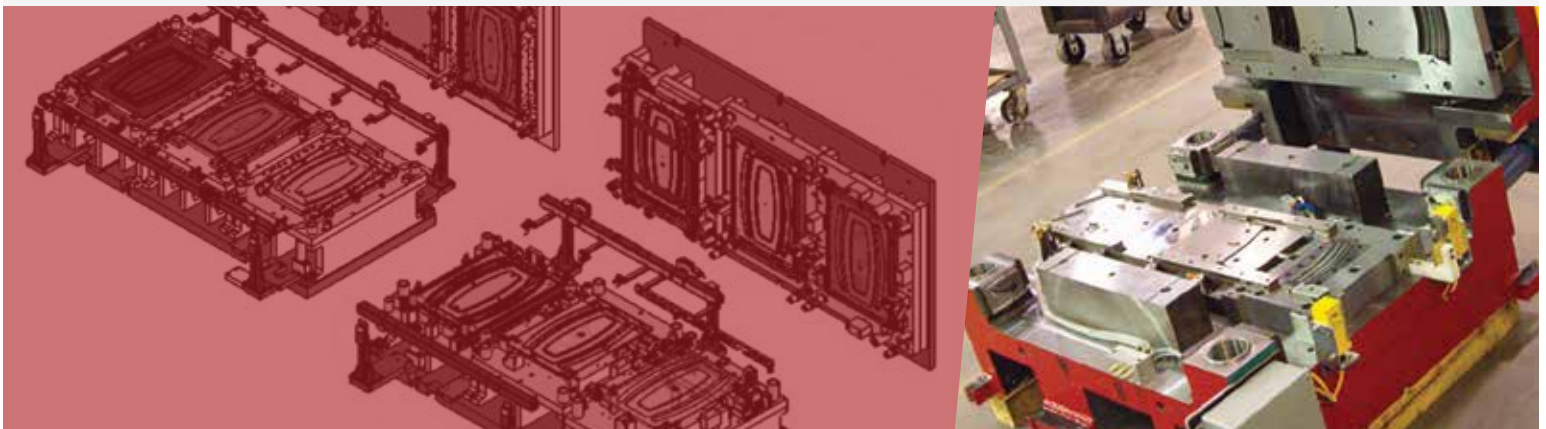
IN-HOUSE TRYOUT & VERIFICATION

Test run capacity of 72” x 168”, 800 ton, up to 60” wide coil



IN-HOUSE ENGINEERING & OPERATIONS

- Comprehensive in-house capabilities in U.S.
- On-site die building
- Weekly progress reports





TOOL & DIE

“To become one of the leading brands in the world, companies need to deliver quality products in a consistent manner. Ehrhardt makes this possible.”

Tool & Die

Ehrhardt dies have been crafted to produce everything from small precise springs in critical medical devices to large and complex deep drawn enclosures for switchgear. We have extensive experience with materials ranging from Aluminum to Zirconium alloys, and from simple piercing to complex multi-punch, draw and form dies with in-die assembly and complete electronic protection.

Ehrhardt produces stamping dies as large as 240” in length, with press capability up to 800 tons. We have a broad range of stamping technology, including progressive, hand transfer, in-die transfer and press-to-press transfer. Our capabilities include blanking, piercing, draw forming, tapping, extruding, and in-die assembly using bowl feed automation for everything from small component stamping dies to large HVAC and appliance applications.

