

Infinitely Adjustable Stroke Adds Flexibility for Royal Die and Stamping



A Minster E2H-350 press with the Infinitely Adjustable Stroke option has increased the manufacturing flexibility at the Royal Die and Stamping Co.

For more than 65 years the Royal Die and Stamping Company has been a leading manufacturer of high quality precision electronic components. In addition to a very impressive history, Royal Die CEO Henrik Freitag and President Erik Freitag are equally as optimistic about their company's future successes.

Royal Die and Stamping recently added a Minster E2H-350 press to its impressive arsenal of state-of-the-art manufacturing equipment.

Located in Bensenville, Ill. near Chicago, Royal Die and Stamping serves customers in a variety of industries including telecommunication, electronics and automotive.

"With a lot of value-added services we have the ability to be a one-stop manufacturing source," Erik said. "Our services include prototyping, metal stamping, assembly, injection and insert molding. We can provide our customers with a finished product."

Royal Die's tool room produces high-quality and innovative in-house tooling. Additional in-house facilities include molding machines, assembly machines, a wire EDM department and a dedicated quality control department.

Prior to the acquisition of the Minster E2H-350, Royal Die's 60-



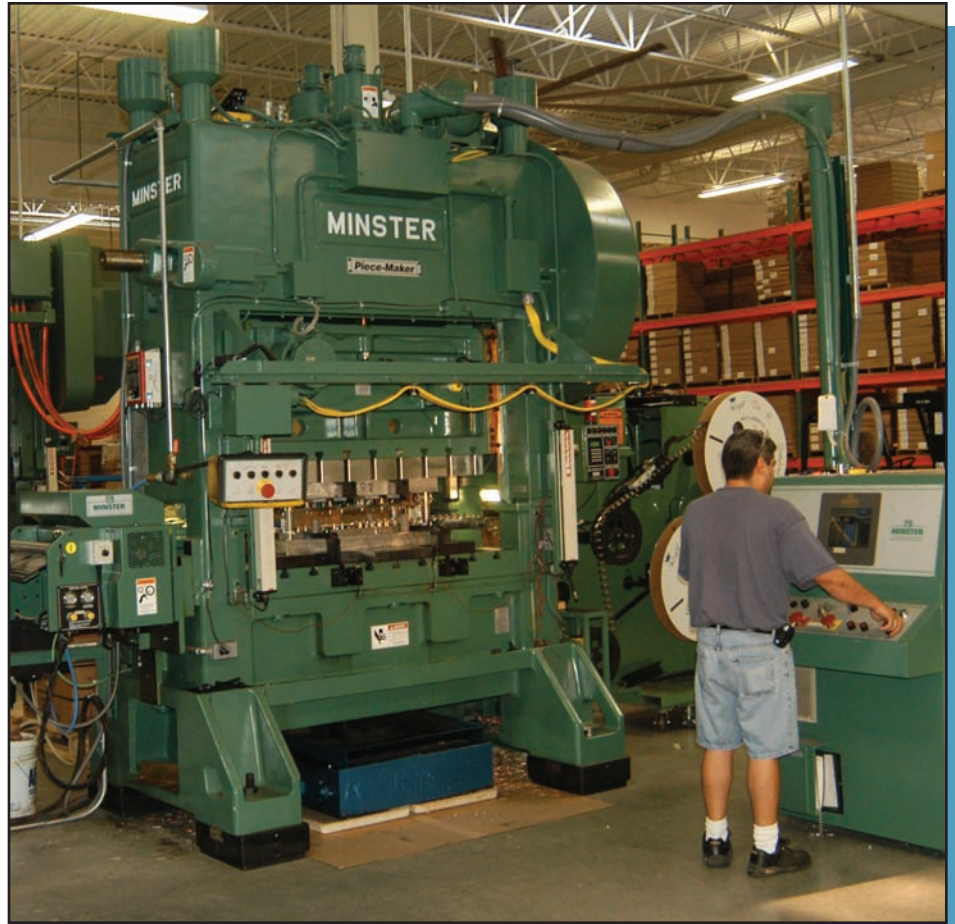
A sample of the many parts and assemblies produced at Royal Die and Stamping.

plus presses ranged between 10 and 150 tons.

“The E2H was a huge jump for us,” Erik said. “That press has put us into a different arena. It allows us to produce bigger and more diverse parts.”

The E2H-350 is equipped with Minster’s Infinitely Adjustable Stroke option, which allows the user to change their stroke length between a short and long stroke range.

“That was the feature that sold the press,” Henrik said. “The ability to adjust the stroke anywhere from three to nine inches gives us so much more flexibility. It



A Minster P2 “Piece-Maker” press in production at Royal Die and Stamping.

doesn’t make sense to buy a press with a fixed stroke when you can get this.”

Minster’s Infinitely Adjustable Stroke option also allows users to optimize production speeds by matching the stroke length to the application.

The combination of Minster’s durability and innovation was important when Royal Die and Stamping was selecting a larger tonnage press.

“We have had Minster presses since 1960 and have yet to call a serviceman for them,” Henrik said. “We have other makes of presses as well and we are always looking for new presses. When it comes to new ideas and innovations Minster stands out front as the best.”



P2 press includes a Minster MEF2-CS Feed.



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"Minster, by far, has the best guiding systems, and that gives us much better die life and more precise parts," he continued. "Minster's new controls help us to set up dies fast and get the same good parts as the last setup."

"From a maintenance standpoint the uptime of the Minster presses is unmatched," Royal Die and Stamping Maintenance Manager Steve Wood said. "Minster presses are built right the first time. Their quality and intelligent design stand out."

Royal Die's new E2H press includes a complete Minster coil line with integration from Minster's Production Management Control.

"The press is only one part of the stamping process," Henrik said. "We also need a dependable feed, straightener and a large stock reel. We get this all from Minster with only one supplier responsible for making sure it all works together."

Another recent addition for Royal Die and Stamping is a Bihler multislide press capable of numerous assembly and value-added functions.

To learn more about Royal Die and Stamping, visit the company online at www.royaldie.com, or call 630-766-2685.