



New Minster P2-100 with High Speed Package has increased production at Allied Tool and Die.

Allied Tool and Die Thrives on Heavy Metal

Stampings requiring unique metals and manufacturing expertise are pretty much the norm at Allied Tool and Die, Inc. in Cleveland, Ohio. More than 61 years of tooling and stamping experience has given Allied a reputation for being able to deliver the “tough job” whether it’s surgical instruments, computer equipment, automotive, or consumer products.

Allied Tool and Die President Fred Montag is continuing the work of his father Walter, who founded the company in 1946.



Allied Tool and Die facilities located in Cleveland, Ohio.

“Tooling was the primary focus early on, and IBM was our largest customer,” Montag said. “My father bought the first new Minster press to use as a try-out press. The people at IBM said we were making better parts than they were, so



Minster E2-250 press is one of the “work horses” at Allied Tool and Die.

we started running parts for them, and things took off from there.”

Initially specializing in small precision stampings and assemblies for the office machine industries, Allied has evolved into one of the industry’s experts for stamping products from high-strength spring, stainless, and a variety of other non-ferrous and non-typical materials.

“All of our straight side presses are Minsters, and it is the precision of the Minster presses that allows us to offer such a complete and unique product offering,” Montag said. “We not only strive to tackle all of the tough material jobs, but we also offer many value-added services like special coatings, heat treating and assembly. We want to be a one stop shop for our customers.”

Allied recently expanded its capabilities with some high volume jobs, and in order to meet customer demands, Montag ordered a Minster P2-100 press to complement the three existing P2-100s, along with three Minster E2 Hevistamper presses and other P2 presses ranging from 60 to 250 tons. The



A small sample of parts that are produced at Allied Tool and Die.



The Minster MEF2-CS Feed with Pull Thru Straightener at Allied Tool and Die rates at a maximum roll lift rate of 425 strokes per minute.

newest P2 press features Minster's High Speed Package, with a bracket mounted Minster MEF2-CS feed and pull-thru straightener. The feed is also equipped with the High Speed Package.

"The High Speed Package added 100 strokes per minute, but the load monitor, auto shutheight, auto counterbalance and PMC Control also helped increase our production," Montag said. "With the PMC, all of the press and feed settings are integrated. Our set-up time dropped by more than half with the press controls and features of our new P2 Press."

Shortly after taking delivery of the New P2-100 press system, Montag ordered another identical press and feed line.

"We've built our business around the Minster presses," Montag said. "From our first Minster press to the new

straightsides we have the tools to compete in a very competitive market by offering quick delivery and quality products and services."

"We have to deal with zero lead time, so any down time is a thing of the past," he added. "We depend on our Minster presses to run, and run, and run. And I can't say enough about Minster's service. We needed a part on one of our older presses, and it was here the next day -- unbelievable."

To learn more about impressive manufacturing capabilities of Allied Tool and Die, visit the company online at www.alliedtool-die.com.



Allied Tool and Die builds and maintains tooling for all it jobs.