



*Bayloff Machine and Die Co. offices and manufacturing facility near Detroit, Michigan.*

# Bayloff Die & Machine Thrives With Minster

Richard Bayer doesn't take much stock in old sayings.

"There's an old adage about family businesses," Bayer said... "The first generation builds it up, the second generation runs it and the third generation tears it down..." With a commitment toward sound engineering, good tooling and quality equipment, we're out to prove that wrong."

Bayer, a second generation owner of the Bayloff Die and Machine Co., along with his sons Brian (General Manager) and Christopher (Operations Manager) are showing no signs of self-destruction with a thriving manufacturing business headquartered

on the outskirts of Detroit, MI. For more than 50 years, Bayloff has been a manufacturer of high quality stampings for the automotive industry. Bayloff offers comprehensive tooling design and construction for progressive, transfer and single-hit dies. In addition Bayloff offers a variety secondary assembly and finishing operations.

"The key to our success has been built around good tooling and engineering married to the good equipment," Richard said. "When we made the commitment to get into production in 1978, we made the decision to buy our first Minster Press. We wanted to do it right with good equipment, and

we've stuck with Minster ever since."

"With Minster we get very low maintenance costs and true tonnage," Christopher said. "We have presses that run 40 hits a minute all day long with no problems and tonnage that stays true."

"The quality of Minster is a big benefit," Brian added. "We'll get an important job and put it into a Minster press, and we don't have to worry about it. Any other make of press, you have to buy a



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**Christopher Bayer**  
**Operations Manager**  
**Bayloff Die and Machine Co.**

*A complete Minster coil line, including a reel, coil car, straightener and feed, are integrated through Minster's Production Management Control (PMC) to optimize productivity on Bayloff's E2H-350 press.*

back-up. With Minster you have quality and peace of mind."

Even though most of Bayloff's larger presses are Minsters, Die Improvement Supervisor Phil Hankins is able to make comparisons.

"One of our customers was using a non-Minster press. They were hav-

ing trouble with certain applications, blowing the top off their press," Hankins said. "They brought the die into us, we put it in a Minster press and had no problems."

The newest press at Bayloff is a Minster E2H-350 equipped with the Alternative Slide Motion drive and a complete Minster coil line,

integrated by Minster's Production Management Control.

"Everything about the new E2H is easier and faster," Bayloff's Production Supervisor Beverly Johnston said. "We certainly didn't have to spend a lot of time learning the equipment and training the operators."

“Our new Minster system allows for smooth and quick die changes,” Christopher added. “With the integrated controls we can run continuously. What used to take two to three weeks we can now do in a continuous five-day run. That’s not only a decrease in the cost of manufacturing, but we’ve picked up all kinds of capacity and can take some of the overtime off our other presses.”

The ASM Drive has also increased production, allowing for variable slide speeds for drawing applications.

“On one particular job we’ve gone from 40 to 70 strokes per minute with a better part and a lot less die maintenance,” Hankins said.

“Minster equipment has contributed to our success as a



*Operations Manager Christopher Bayer, Production Supervisor Beverly Johnston and Press Operator Claudette Gagnon review a part produced on Bayloff’s E2H 350 press.*



*Minster presses are used for several transfer applications at Bayloff Machine and Die Co.*



Two new E2 Presses at Target Stamped Products, a subsidiary of Bayloff, located near Youngstown, Ohio.



A small sample of parts that are produced at Bayloff Machine and Die and Target Stamping.

business,” Richard said. “Because of that success and confidence, we have built a reputation with our customers and financial institutions that enabled us to purchase a separate company five years ago.”

Bayloff purchased Target Stamped Products near Youngstown, Ohio, and recently added three new Minster E2 presses to that facility. Specializing in deep drawing applications, Target has enhanced capabilities for high tensile stamping of complicated parts.

The Bayers are well into their third generation at Bayloff and the company continues to grow and build a reputation as a world class manufacturer.

“With the increased technology we continually get from our Minster equipment, and our commitment toward innovative engineering and quality tooling, there’s no doubt we will dispel that old saying about the third generation,” Richard concluded.