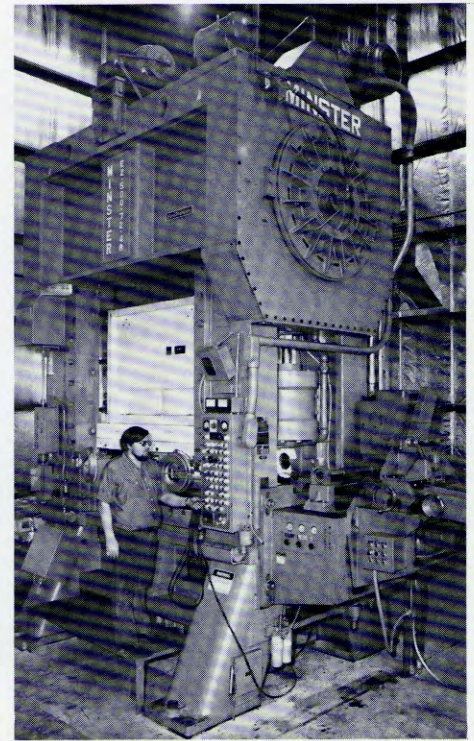


HeviStamper line gives Progressive Metal Forming production capabilities designed to increase business volume.



Minster E2 HeviStamper's frame is built to resist deflection and retain its high accuracies under full load conditions.

Progressive Metal Forming Inc. Expands Capability With Automated 500 ton Minster *Hevi-Stamper*[®] Press

The Problem: Progressive Metal Forming, Inc., Hamburg, Michigan, wanted to be able to bid on, and win, larger stamping jobs, and they anticipated that there would be increased use — especially automotive — of high-strength steel, requiring higher tonnage to make the same part.

The Solution: They went "all out" and invested in a complete automated stamping line built around a Minster E2-500 HeviStamper.

Mr. Roland Owens, president, says "A company of our size has to give a lot of thought to investing in a piece of equipment like this before we go ahead. We've really just got 'one shot' and it has to be right."

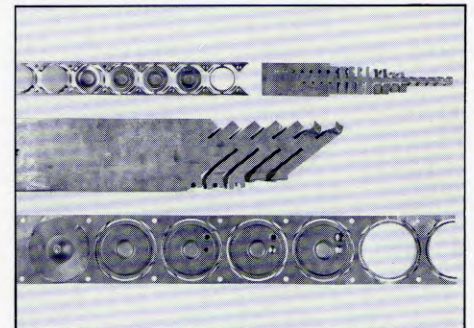
Started in 1962 and incorporated under the present name in 1967, the firm moved to its present 10 acre site and 20,400 sq. ft. plant in 1970. With 28 employees now, they plan to go to two shifts soon. Progressive Metal Forming makes parts for automotive, off-road equipment, refrigeration and building products. They design and build their own dies, and the

E2 line gives them the capability to run production on material up to $\frac{3}{16}$ " thick and 20" wide.

The new Minster E2-500 ton press gives them a distinct competitive advantage. It is fitted with a cam driven double roll feed and complete coil handling system consisting of coil car, 20,000 lb. capacity double reel, straightener and threading table. The HeviStamper press is a single-gear, single end drive type with clutch and brake mounted within the main drive gear on the crankshaft (slowest rotating shaft). This provides rapid single stroking and continuous speed up to 120 spm with an 8" stroke. Additional versatility is gained with a cushion arrangement in the slide. The press has exceptional stability and rigidity needed for heavy duty jobs.

WHY A MINSTER PRESS?

Mr. Owens explains, "Good feedback from our customers who have Minster presses, plus past experience of some of our employees had a great deal of influence in our choice of the E2."



Typical parts produced at Progressive Metal Forming, Inc.

"We feel that a company like Minster will really provide service for us and not just think of us as a number. The serviceman who started this press and checked it out really impressed me very much. He wanted to be sure that the press was right and he was as interested in getting it right as we were."