

Minster E2 HeviStamper® Press gives "value far beyond the purchase price" at R. Olson Mfg. Co.

R. Olson Mfg. Co., Inc., a highly regarded and fast-growing Chicago manufacturer of precision metal stampings, is owned and operated by Ed and Eric Olson. Since it opened its doors in 1937, the firm has built an enviable record of reliability and quality which has allowed them to retain original customers and add new ones every year.

The company has three plants on Grand Avenue in Chicago and a plant in Seguin, Texas. They operate thirty presses of various makes. Production is diverse as they serve major manufacturers in a wide variety of industries, including automotive, communications and appliances.

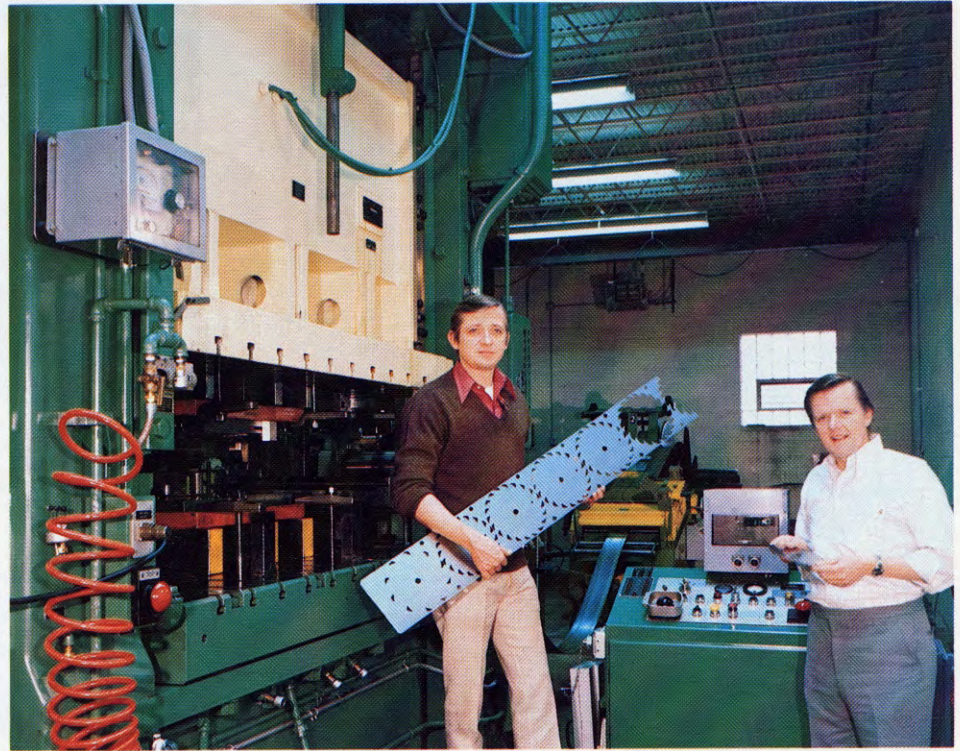
In June 1977 the company installed a 200 ton Minster E2 HeviStamper press with automated auxiliaries in order to further extend their capabilities and capacities. The new press is used to produce power saw blades from a special alloy saw blade steel with a hardness of C25 Rockwell.

Olson is the only company making power saw blades with progressive dies. They designed the die to produce opposing burrs on every-other saw tooth. A tremendous increase in productivity has resulted because previous production methods involved several operations... the use of round blanks, notching every-other tooth, turning the part over and notching the remaining teeth.

E2 PRESS LINE FEATURES

The new HeviStamper press line at R. Olson Mfg. Co. includes a double reel and a 9-roll stock straightener. The press is equipped with a double roll, rack and pinion feed that can handle material up to 20" wide, with a maximum feed length capability of 20'.

Ed Olson comments on the rack and pinion die cushion. "This is an especially nice feature that allows us to tailor a set-up to a particular die; we can make use of the cushion when and where we need it -- or we can move it out of the way to drop parts or scrap through the bed opening."



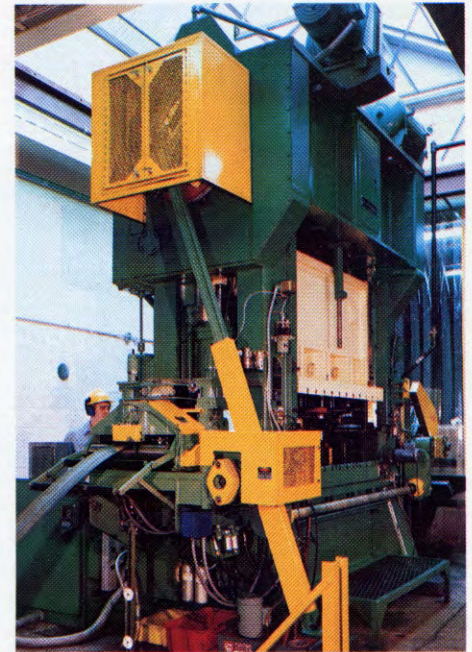
Eric (left) and Ed Olson display their "one-of-a-kind" power saw blade progressive strip.

In discussing other aspects of their experience with Minster presses Ed Olson says, "Perhaps the best feature of a Minster is its complete rigidity and ram alignment for maximum die life. It's a pleasure to check ram alignment and not get a 'surprise' as you might with another press.

"We have several makes of presses in our plant, but from now on, we intend to buy nothing but Minster's. We recognize that the E2 gives us value far beyond the purchase price."

Other features of the press include:

- Push-button digital feed length control from the operators station
- Timed lubrication to die leader pins
- Recirculating stock lubrication system
- Tonnage monitor
- Air-actuated feed roll lifters
- Micro-indicator die sensing lights which signal an "all-clear" on every press stroke
- Parts handling conveyor system



Minster E2 HeviStamper press, installed in June, 1977.

The Olsons bought a used 100 ton Minster Piece-Maker press three years ago because "the quality of Minster's construction, engineering and design are acknowledged in the industry." One of the parts run in this press is an automotive seat belt ratchet. Eric Olson says, "We had been running a seat belt ratchet part in another straight side press for years. When we got the P2 we put that job in it and **doubled** our die life and cut the noise in half."