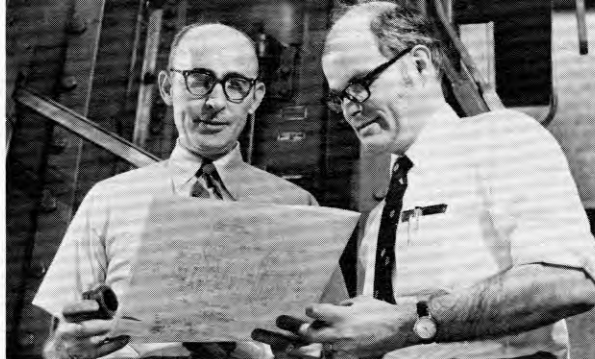


## New Source for Cold-Forming Experience and Equipment Packages

The Van Epps Design and Development Company of Cleveland, Ohio, has approached Minster and wants to provide Minster presses as the major part of a complete package of equipment for cold-forming (cold-flow extrusion). Formed on February 1, 1973, this company was formerly the manufacturing research and development plant of The Lamson & Sessions Co. The executives and employees are men with from 15 to 23 years experience in the development of tooling and automation for this very special field. Ninety percent of their work in the past has been with Minster presses because cold forming requires a good rigid press with lateral stability. The company has provided many complete tooling packages for major automotive and appliance manufacturers. A parts feeder was developed at the Van Epps facility and Van Epps has an agreement to manufacture and sell the feeder as part of an equipment package.

This firm now offers your customers in-depth experience and know-how in cold-forming tooling design, consistent and accurate automated parts feeding to a Minster press, as well as development of specifications on slug size, configuration, hardness, lubrication, etc. Working with Minster, this new company will develop and sell the complete system.

Cold forming, sometimes referred to as cold-flow extrusion, was originated to produce parts requiring a minimum of machining. See photos for typical examples. For information concerning this source, invite your customer to contact Mr. Luke Case, President or Mr. Warren Beutler, VP and Gen. Mgr. at Van Epps Design & Development Company, 4760 Van Epps, Cleveland, Ohio 44131. Phone: (216) 661-1337. They will get a fast reply.



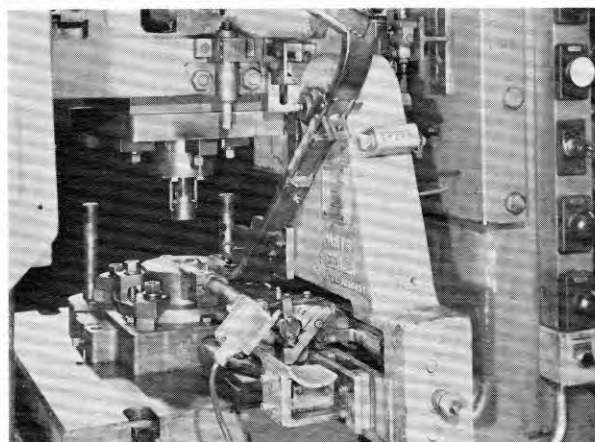
Warren Beutler, VP, left and Luke Case, President, review part drawing.



Minster S1-200 press equipped with special parts feeder and tooling developed by Van Epps.



Typical array of cold-formed parts which require little or no machining due to cold flow extrusion process.



Close-up of part feeding device and cold-forming tooling.