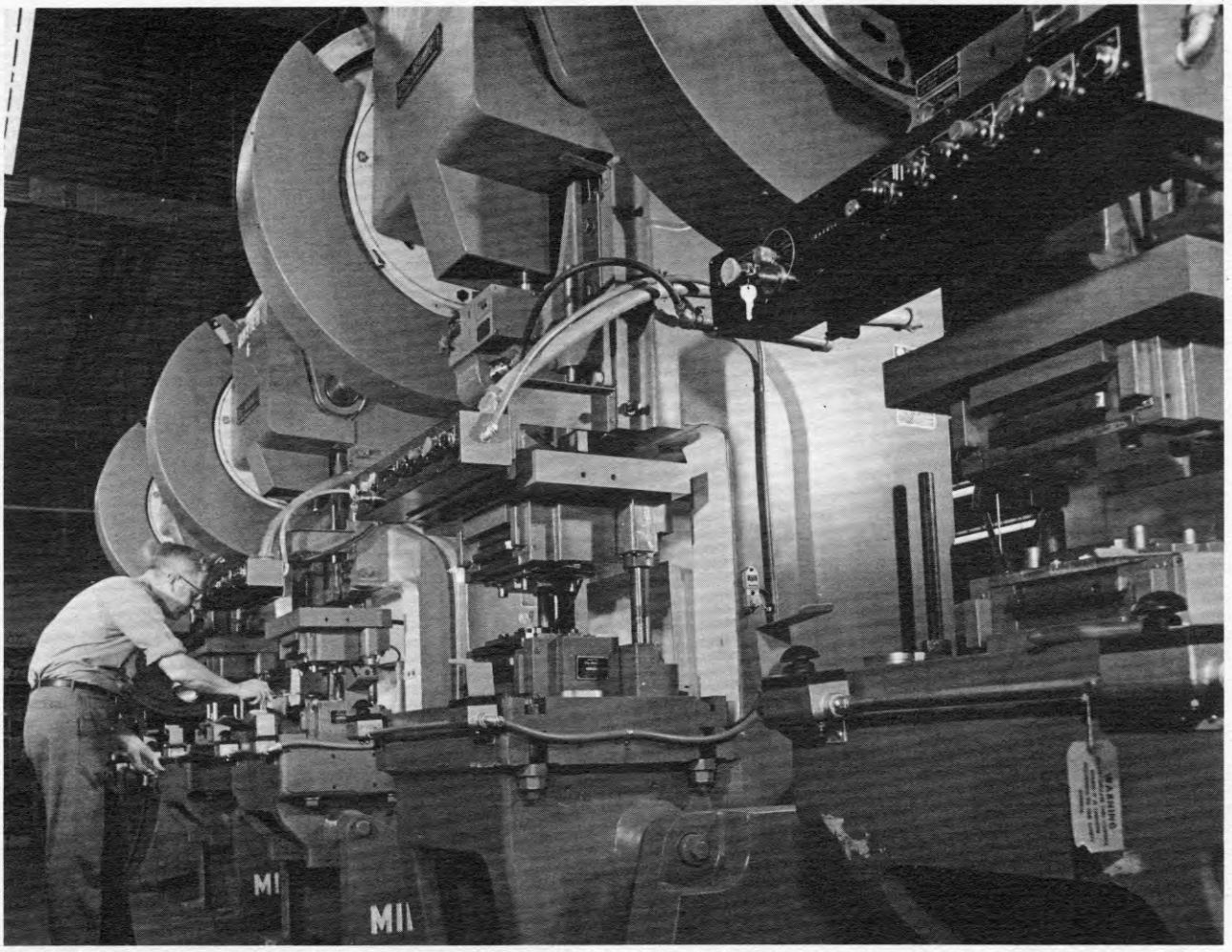


Four Die-Namic presses in a row. Operator simulates production die operation by performing a single operation in each press.

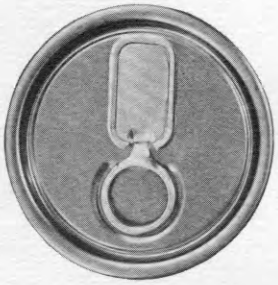
Die-Namic Process Accelerates Can End Research and Development at American Can Company

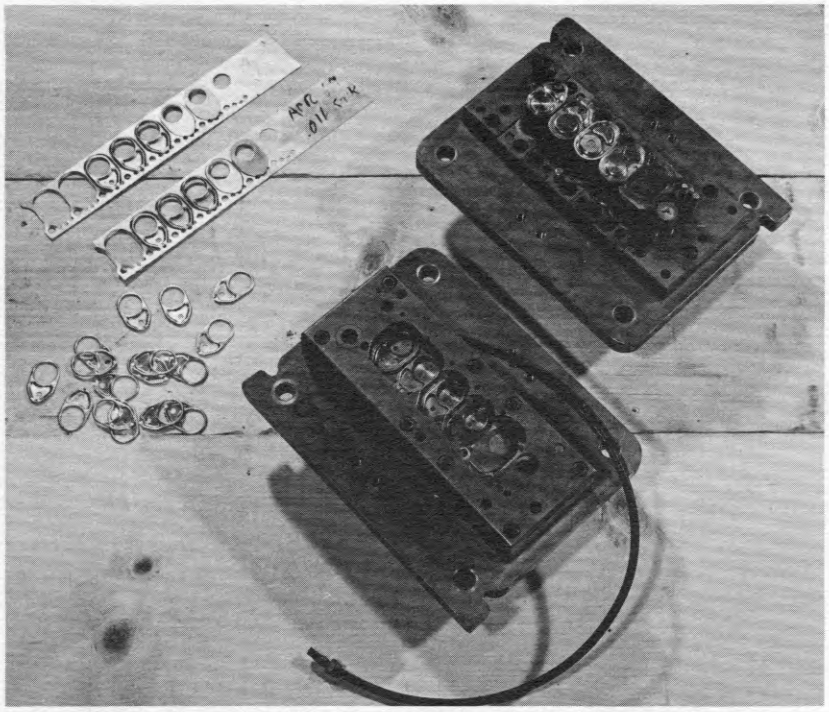
American Can Company is a leading supplier of the popular pull tab cans for the packaging industry. Product design, research and development of a wide variety of types and sizes of can ends to suit their customers needs are centered at the Fairlawn, New Jersey, Engineering Center. Here, new can ends are taken from the design stage through to the actual finished part. This calls for the design and development of sophisticated dies used to blank can ends, emboss ribs, score the blanks for tear-out, extrude for fastening the tab, attaching the tab and closing down the extruded bubble.

American Can has found that the versatile Minster Die-Namic Process has enabled them to effect substantial savings in die design and to shorten the lead time between initial design and finished part.

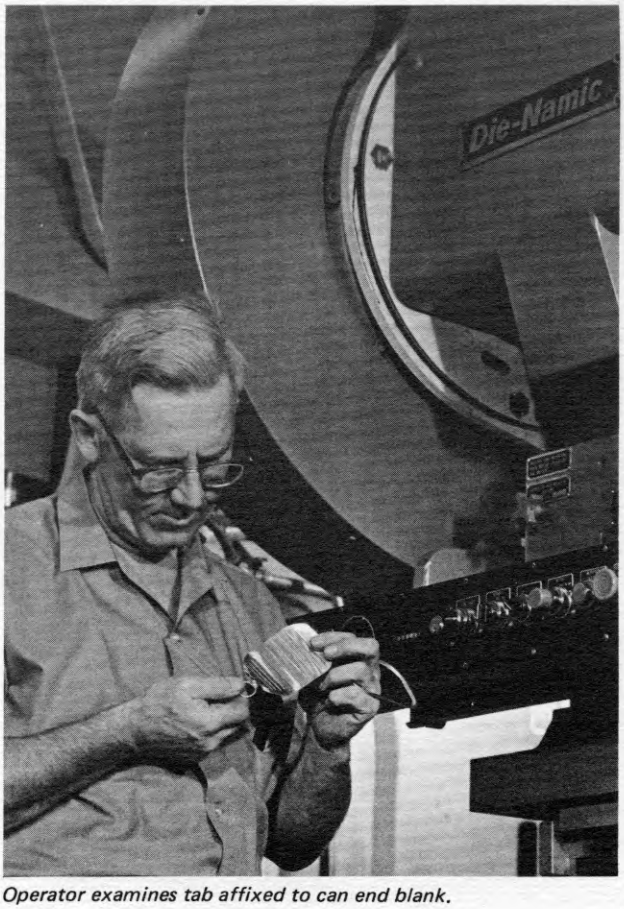
The company has three 60 ton and one 75 ton Die-Namic presses lined up in a row. They develop the can end die stages by putting one stage each on a simple, inexpensive Die-Namic die. The rapid 90 second die changes possible with Die-Namic presses greatly accelerates the experimentation process. With a different stage die in each press the operator can run the part from one press to the others, going through all operations in a matter of minutes. This try-out and experimentation method is versatile, quick and inexpensive. A quantity of finished can ends can be made for evaluation. When the company is satisfied with the new product design and all die stages, the final production die can be produced with the assurance that it is right for the job.

American Can is converting all their conventional compound blanking dies to the Die-Namic Process at a significant savings. They are getting full value from the Die-Namic process, using it exclusively for research and development.





Progressive tab die used in Minster press equipped with Die-Namic fixture.



Operator examines tab affixed to can end blank.

P2-100 automatic production press with Die-Namic fixture.