Low Cost Die-Namic Dies Ideal for Short Run Stamping Needs of I-T-E Imperial Corporation

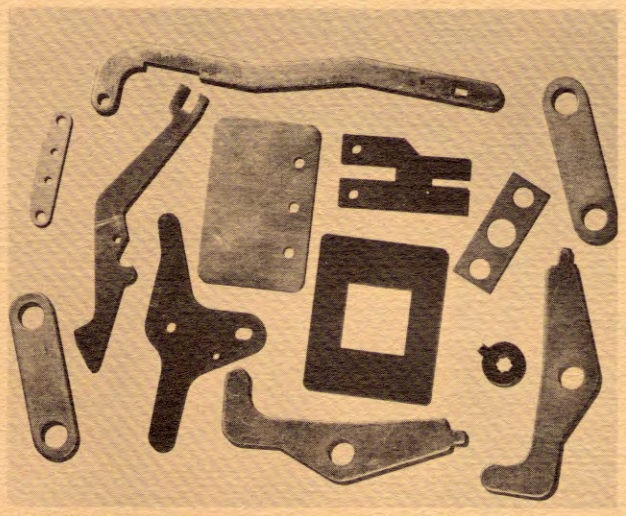
I-T-E Imperial Corporation, Philadelphia, Pa., has over 200 Die-Namic dies and two Die-Namic presses which serve their requirements in several interesting ways.

Some circuit breaker models are made in relatively small quantities. Because tooling costs for some parts would be prohibitive they would normally be machined. However, using inexpensive Die-Namic dies these parts can be stamped in the small quantities needed. On some new products where again quantity requirements are not great, the tooling budget is based on using Die-Namic dies. This allows the company to proceed with production whereas without low-cost tooling the new product may never have been put on the market.

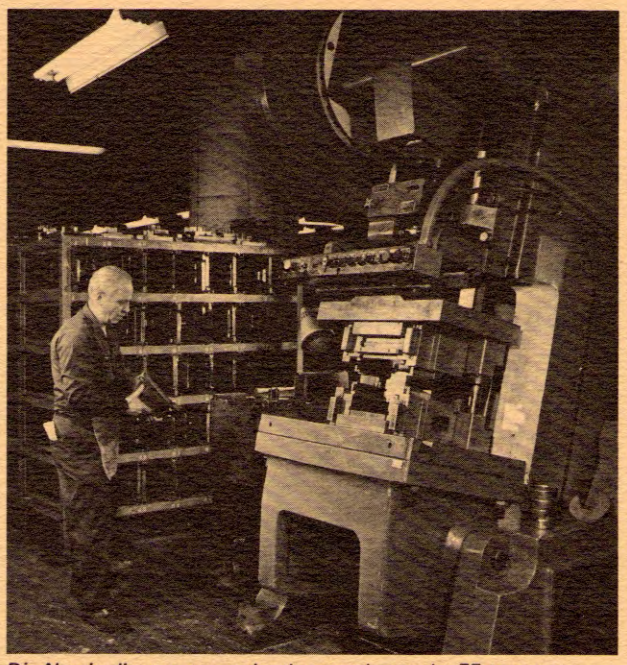
In another area, the furnishing to customers of out of production parts for circuit breakers which have been in use for many years, Die-Namic has paid off. For example, an inexpensive Die-Namic die can be made to run a handful of a certain out of production part. Formerly, cheap pierce dies and a profiling machine were used to produce such parts. With Die-Namic both piercing and contouring operations can be done simultaneously at a real savings in money. This ability to furnish parts yet maintain a minimum inventory has made many customers happy.

I-T-E Imperial Corporation has one D68, 60 ton and one 75 ton Die-Namic press. They design and build all their own dies. Most part runs range from 50 to 500 parts. The quick die change feature saves about 20 minutes per set-up.

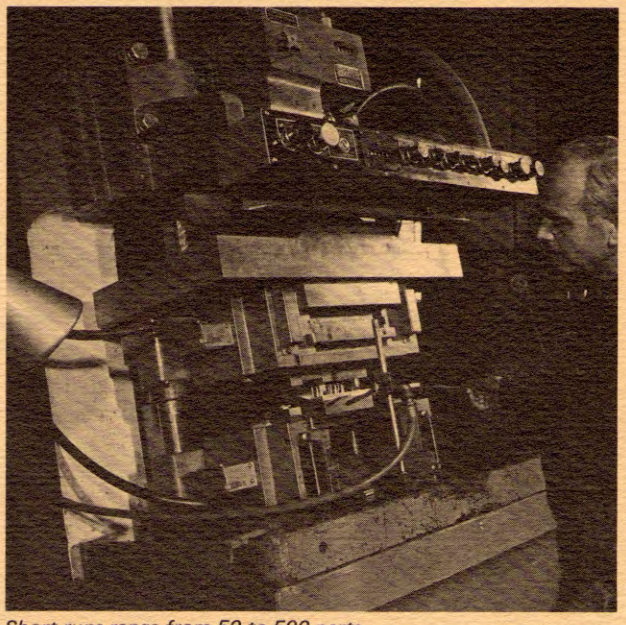
Die storage at this company is extremely effective. Die-Namic dies are stored in two five-shelf racks at the press location, each die filed by number.



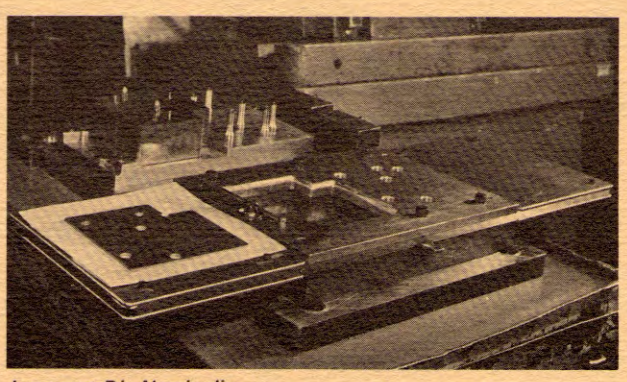
Typical circuit breaker parts made on Die-Namic presses and dies. Material is polyester, glass fiber, stainless steel, cold rolled steel, copper and beryllium with a maximum stock thickness of 4/16".



Die-Namic dies are conveniently stored near the 75 ton press.



Short runs range from 50 to 500 parts.



Low cost Die-Namic die.