

COLD FORMING OF METALS

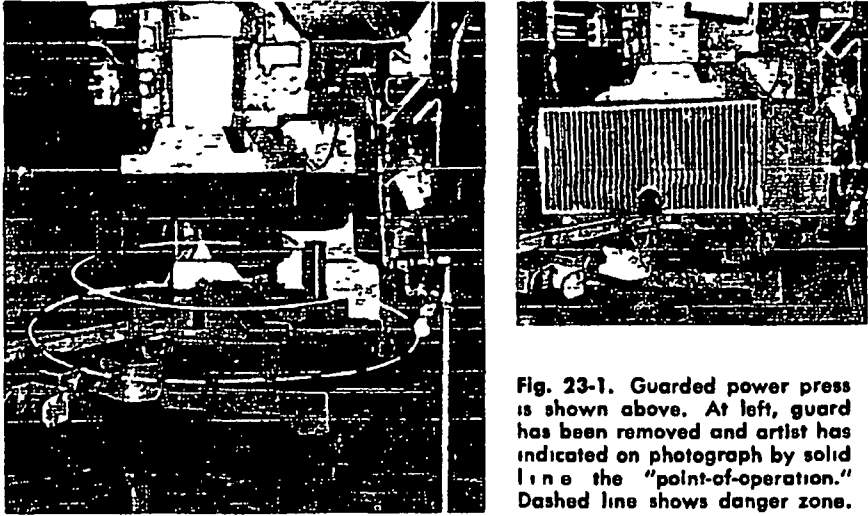


Fig. 23-1. Guarded power press is shown above. At left, guard has been removed and artist has indicated on photograph by solid line the "point-of-operation." Dashed line shows danger zone.

Fig 23-3) are used, or else design the enclosure guard feed opening as shown in Table 23-A. If neither of these two methods can be used, then auxiliary devices should control access to the point of operation, such as providing hand-feeding tools or some other feeding method to keep hands out of the die area.

A power press guarding program should be based on an intelligent evaluation of the specific problems, and a definite company

policy should be formulated to cover use of existing guards, provision for unguarded operations, consideration of the safety factor in new operations, and enforcement of safe operating standards. See general principles in Chapter 22, "Principles of Guarding."

Such a program includes adherence to American Safety Standards^o and to applicable state and local codes.

Many press rooms are small, with only a

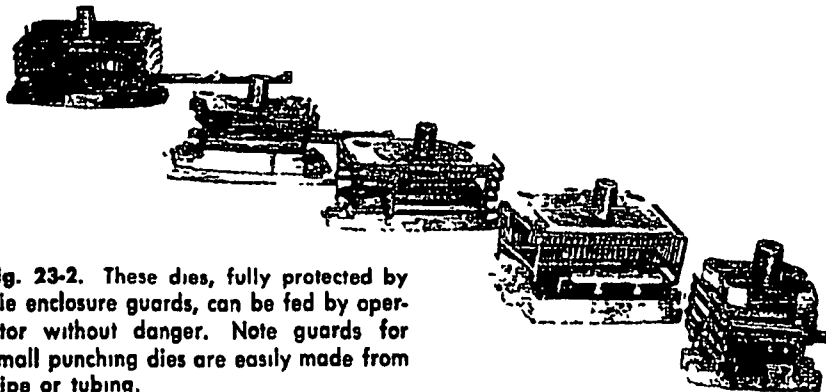


Fig. 23-2. These dies, fully protected by die enclosure guards, can be fed by operator without danger. Note guards for small punching dies are easily made from pipe or tubing.