

Low-Cost Universal Barrier Guard



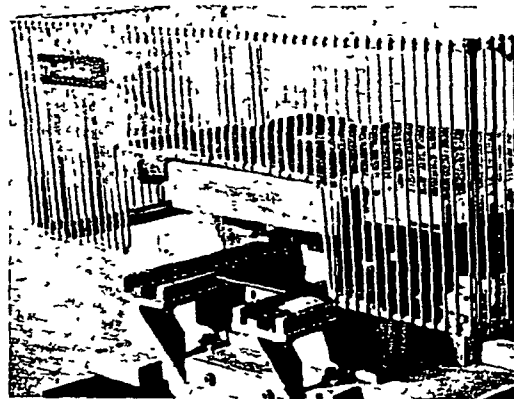
Press guarding is simplified by designing universal barrier guards. The finished guard is made in two sections that completely enclose the danger zone. The upper guard will enclose any operation done on the press, the lower guard conforms to the upper guard, the feed device, and the lower die contour.



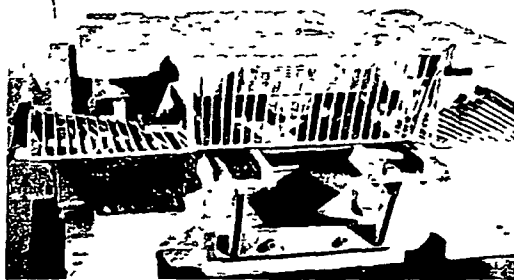
The upper guard is positioned on the die with the aid of a ram template.



$\frac{1}{4}$ -in. diameter steel rods are spot welded ($\frac{1}{8}$ -in. center-to-center) on a frame made of $\frac{3}{8}$ -in. diameter steel rods. Height should be sufficient to cover the ram at the top of the stroke.



An opening, standardized to the widest feeding arrangement anticipated, is now made in the upper guard. This will allow flexibility of the upper guard in all press operations of similar size.



The design of the lower guard is made to conform to the upper guard, the feed device, and the lower die contour. The framing and webbing are angled or bent to permit easy loading and eliminate finger entry into danger zone.