

# INSTRUCTIONS FOR INSTALLING OVERHEAD SLIDING HOLDOUT DEVICES

## Mounting the Frames

Mounting Frames (HW301) must be securely fastened to the face of the press. The distance from the bottom of the Frame to the floor should be a minimum of 84" and be forward of the centerline of the ram.

### Direct Mounting to the face of the press.

Six 3/8-24 holes must be tapped in the press face and six 3/8-24 x 1" cap screws and lock washers used to secure the mounting frame. The bolts should be widely spaced, preferably in the top, bottom and center holes of each leg.

If the mounting frame extends 10" or more above the attaching surface, braces must be added.

### Top Mounted Bracket

Top mounted brackets rest on the top of the press and are secured with two 3/8-24 x 1" cap screws and lock washers. The mounting frame is secured to the front vertical leg of the bracket with 3/8-24 x 1" cap screws, nuts and lock washers.

The top of the mounting frame must be securely guyed from the press to resist downward forces at the end of the boom.

Mounting Braces (Fig. 7 from Overhead Pullout bracket sheet) for this purpose are adjustable in length by 2/3" increments as they consist of two pieces bolted together. If there are no obstructions in the way, both braces may be anchored to the press with the Angle Anchors illustrated in Fig. 7. They are secured to the press with two 3/8-24 x 1" cap screws and lock washers.

Braces must be securely anchored to the press. The anchors must be far enough back on the press to provide a favorable bracing angle to resist forces tending to tilt the mounting frame forward.

## Wide Spans

When channel brackets span a wide area as on press brakes and large straight side presses, auxiliary bracing near the center of the span may be required. Such bracing must resist the tendency of the upper channel bracket (if two brackets are used) to deflect outward and the lower one to deflect inward when a downward force is applied to the end of the device's boom. Such bracketing must be fabricated and applied at the time of installation.

## Mounting with Uprights

Uprights (Figs. 4 and 5 on Overhead Pullout bracket sheet) may be used to mount an Overhead Type Holdout higher than the top surface of the press. Fig. 4 Uprights mount on horizontal surfaces. Fig. 5 Uprights mount on vertical surfaces. Either must be well braced as with Fig. 7 Braces and any auxiliary bracing necessary to make the mounting strong and rigid.

After frames are securely mounted and braced (if needed), attach Guide Rail (W310) to Mounting Frame with four Rail Swivels (W318), 3/8-24 x 1-1/2" bolts, lock washers and nuts. Rail should not exceed 12" past end of boom. The Guide Rail with carrier, wristlets, D-Ring Connector (W404) and 10' strap (W403) are all assembled at the factory.

Slide one Guide Rail Stop to each end of Guide Rail and lock in place. Carrier will now slide length of rail.

Adjustment of straps is made at D-Ring Connector (W404) and must be adjusted for every new set-up and every operator.

Brackets may be selected from Model O Pullout sheets when necessary.