

METHOD OF ALIGNING A FLAT OR PROFILED METAL SHEET

ABSTRACT

A method of aligning a flat or profiled metal sheet with preformed notches on the two sides of the metal sheet when the sheet enters into a bender or folding machine directly from a roll forming machine linked or joined to the folder. The metal sheet has to be effectively aligned on the folder before folding to avoid potential damages to the metal sheet of not being properly squared or angled on bending while reducing the times to produce the folded products. Moreover, this method according to the invention allows the metal sheet to feed directly into the folder from the rollformer without having to pass through an intermediary transfer table or aligning device/machine before entering the folder for folding or manual alignment in the folder.

Figure 1B.