

SHEET FEEDER



The Union Tool Corporation

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SHEET FEEDER

The Union Sheet Feeder is designed to destack and load steel blanks onto the feed table of an automatic CNC punch machine. The blank must be positioned on the feed table within plus or minus 1/16".

A hydraulic lift table with locating stops raises the entire stack to a predetermined pass line height. The vacuum head then lowers vacuum cups onto the top sheet for pickup. To assure single sheet feeding, magnetic sheet separators fan or separate the sheets prior to pickup. A motorized transfer of the sheet from the stack to the feed table then occurs. The sheet is then lowered (not dropped) onto the feed table.

This machine feeds at a rate of 8 blanks per minute maximum. The cycle is PLC controlled and interlocked with the CNC punch machine so sheets are fed as required by the punch machine. Sheet size range: from 12" x 22" to 40" x 51".

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