

VACUUM FEEDER



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VACUUM FEEDER

The Union Vacuum Feeder was designed to automatically feed metal sheets onto a conveyor at a rate of up to 15 sheets per minute. The sheets may range in length from 22" to 30" and in width from 8" to 36".

Set-up and operation of the Union Automatic Feeder is simple and easy. A stack of sheet metal is placed on a built-in lift table that has a weight capacity of 2000 pounds. The table, controlled by a photocell, then lifts the sheets to a predetermined pass line height with limit switches providing the maximum and minimum safety heights. While the table is rising, built-in magnetic sheet fanners separate each sheet to ensure single sheet feeding. When the table is in the proper position, the cycle may be activated, lowering the vacuum cups until contact is made with the top sheet and vacuum is pulled. The vertical cylinder raises the sheet and the horizontal cylinder moves the complete vacuum carriage assembly to a predetermined point above the conveyor. The vacuum then releases and the cycle is repeated until the stack is depleted, at which time the lift table descends to its original position.

Utilizing automation equipment, such as provided by the Union Tool Corporation, enables the user to handle more material more efficiently and reduce labor costs.

If you have any particular material handling problem, let the Union Tool Corporation assist you.

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