

AUTOMATIC DUCT FORMER

Starting from a coil of width 1500mm and in a continuous process, it performs the different operations for the manufacture of the duct.

The work begins in the feeding area, preparation of the sheet, straightening and punching.

In the second stage, the connecting flange of each side is formed in the dimension to be defined; the last two stations are for seaming and can be excluded at will depending on the type of duct that is desired to be obtained. Before bending there is a station that performs the reinforcement ribbing. The sheet is positioned to make the Pittsburgh profile automatically. The next step to be carried out would be the folding of the duct faces, ending with the cutting and expulsion of the duct.

The average duration of the manufacturing process of a duct is approximately 60 seconds.

1, 2, 3 and 4 sided duct can be made.

Powerful numerical control with self-diagnosis system.

TECNICAL INFORMATION

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| - <i>Effective width:</i> | 1.500 mm. |
| - <i>Maximal coil weight:</i> | 5.000 Kg. |
| - <i>Maximal cutting thickness of galvanized sheet:</i> | 1.2 mm. |
| - <i>Maximal stainless Steel cutting thickness:</i> | 0,8 mm. |
| - <i>Minimal thickness:</i> | 0.6 mm. |
| - <i>Positioning accuracy:</i> | + - 0.5 mm. |
| - <i>Adjustable speed:</i> | 5-15 m/min. |

Components:

- GUIDANCE SYSTEM AND STRAIGHTENING STATION.
- RIBBING STATION.
- PUNCHING BENCH.
- GUILLOTINE SHEAR Nº 1
- NUMERICAL CONTROL
- JOINT FLANGE PROFILE MODULE (2 Profiling Machines)
- GUILLOTINE SHEAR Nº2 + FOLDER
- PITTSBURGH PROFILER
- DUCT AUTOMATIC EXPULSION MODULE

