

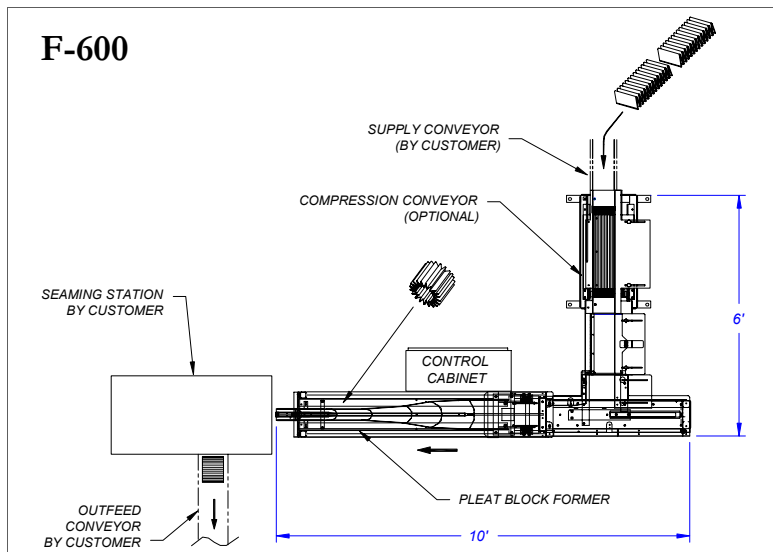
MASSMAN ENGINEERING, LLC.

FILTER-TECH DIVISION

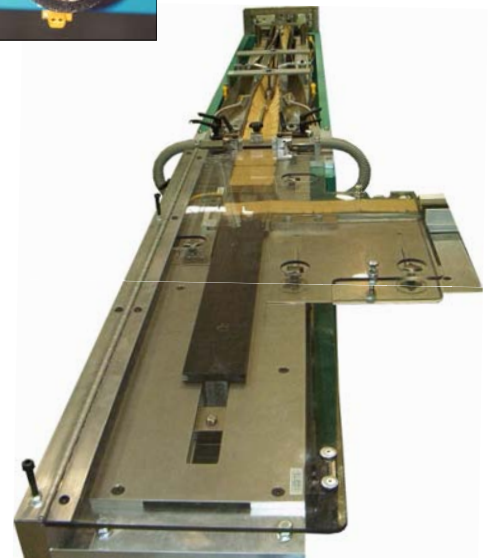
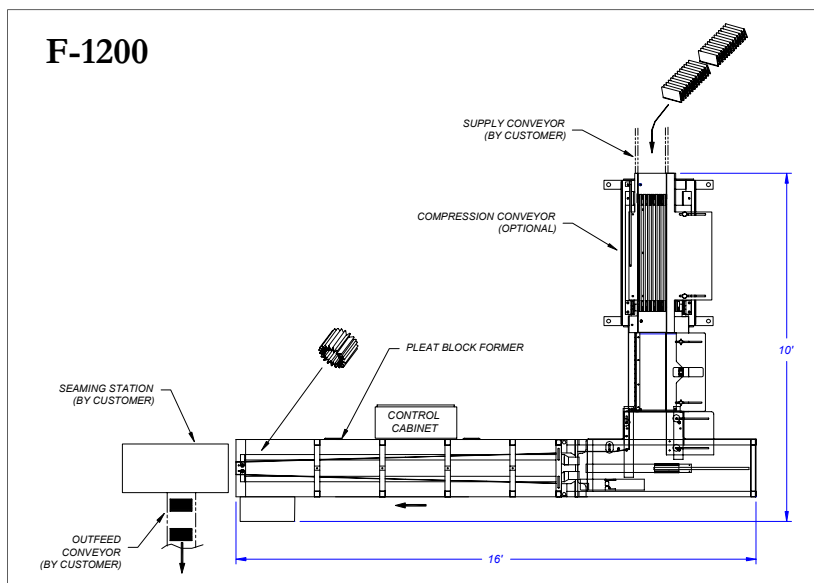
STREAMLINING PRODUCTION THROUGH AUTOMATION

Forming Cartridge Assembly Machine – Former F-600 F-1200

We are experts at designing systems that help you increase production efficiency, improve production flexibility and reduce manufacturing costs.

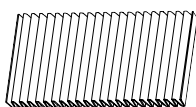


The Massman Engineering F-600 and F-1200 Forming Cartridge Assembly Machines provide a low cost, ergonomically friendly method of forming pleated filter media from a flat pleat block into a cylindrical shape for the assembly of oil, gas, water, or air filters. The formed filter can then be automatically fed into a clipping, hot melt, or ultrasonic welding machine at speeds of up to 50 parts per minute.



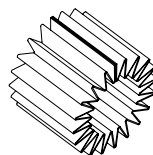
1. Filter Collation

Automatic pleat block infeed



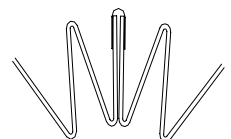
2. Automatic Filter Forming

Automatically forms cylindrical shape






3. Preparation for Filter Joint

Ready for your clipper or other securing method






F Series – Former

Features

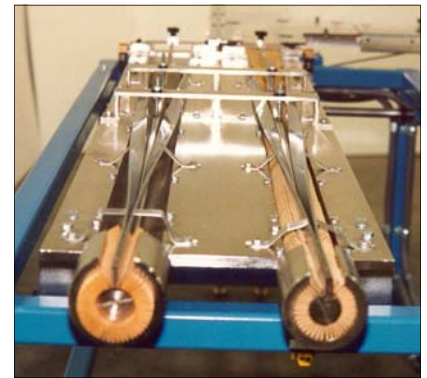
-  The F-600 and F-1200 Forming Cartridge Assembly Machines use vacuum manifolds to start the edge of the pleat onto forming rails.
-  The Former utilizes “no tool” changeover to handle different sizes of filter media.
-  Compressed air requirement is 75 psig (5 BAR) minimum. Filter, regulator, and pressure gauge are included.

Options

-  Compression Conveyor which provides constant stack pressure on the pleat blocks.
-  Double Deck Pleat Block Former with quick change slide mechanism to run two different sizes of pleat heights.
-  Crank Pleat Height Adjustment provides for quick pleat height adjustment utilizing a crank and mechanical digital readout to document machine settings.



Compression Conveyor



Double Deck Pleat Block Former

Product Specifications

| Model | F-600 | F-1200 |
|----------------------------------|---------------------------------|--------------------------------|
| Throughput rate | 50/min | 30/min. |
| Slit Width Range | 1.60 – 6.00 inch 40 – 150 mm | 2.0 – 12.0 inch 50 – 305 mm |
| End Pleat Height/ Depth Range | 0.38 – 1.00 inch 10 – 25 mm | 0.50 – 1.50 inch 12 – 38 mm |

For more information, please contact:

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