

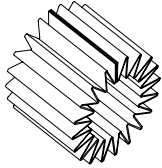
MASSMAN ENGINEERING, LLC.

FILTER-TECH DIVISION

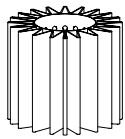
Solving Your Unique Manufacturing Challenges

End Cap Assembly Machine (ECAM)

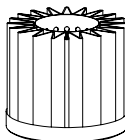
1. *Formed pleat block enters*



2. *Bottom end cap feed and assemble*



3. *Top end cap feed*



4. *Assembled filter exits*

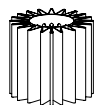


Massman Engineering ECAM automates your factory process:

- Accommodating a wide range of filter sizes
- Providing quick change-over features from size to size



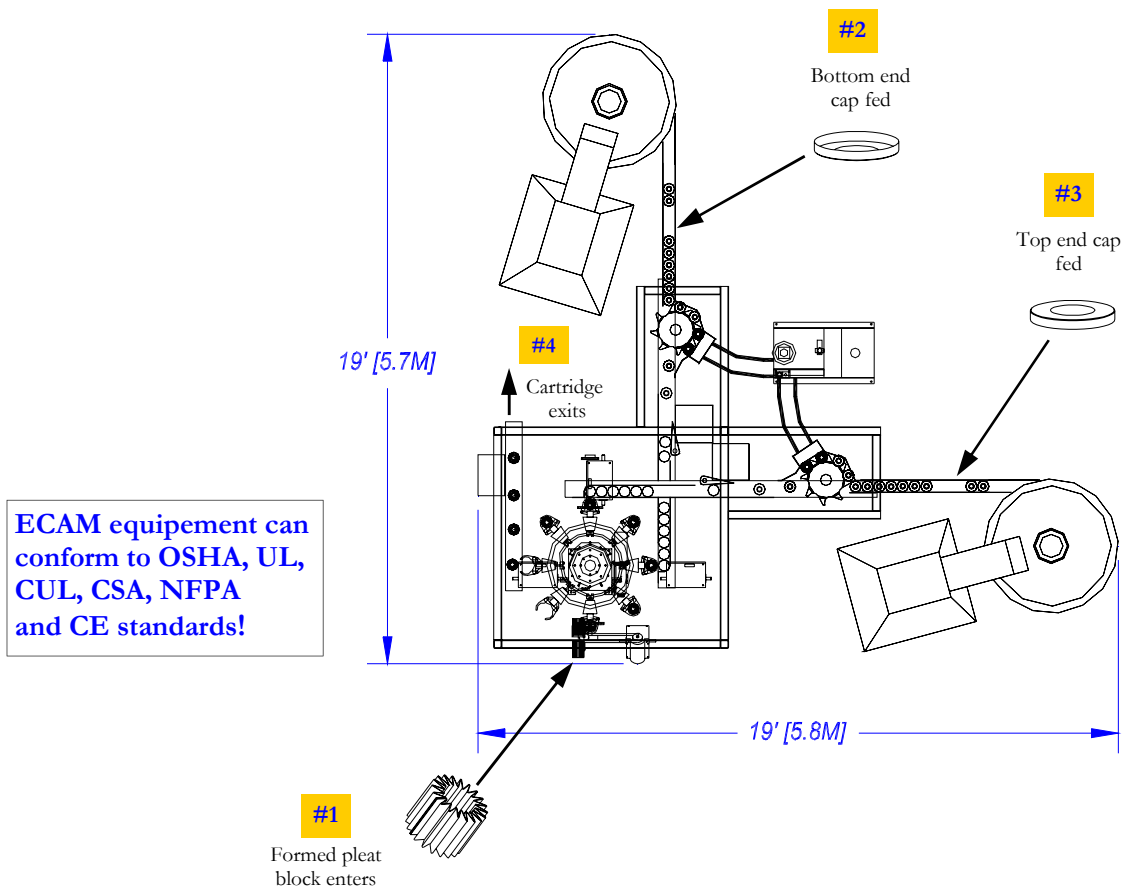
Integration of ECAM Systems to upstream Automated Cartridge Assembly Machinery (ACAM) is easy with a standard puck transfer system. Call us for more information.



- End caps can have the same or different potting materials
- Potting material options include:
hot melt, plastisol, disk adhesives, epoxies, and more.



ECAM 46-T40



ECAM equipment can conform to OSHA, UL, CUL, CSA, NFPA and CE standards!

Product Specifications

Model	46-T40	46-T60	612-T30	612-T45
Through-put rate	40/min	60/min	30/min	45/min
Body Diameter Range	1.75-4.00 inch 45-100 mm	1.75-4.00 inch 45-100 mm	3.25-6.00 inch 80-150 mm	3.25-6.00 inch 80-150 mm
Cartridge Height Range	1.25-6.00 inch 30-150 mm	1.25-6.00 inch 30-150 mm	2.00-12.00 inch 50-300 mm	2.00-12.00 inch 50-300 mm

For more information, please contact:



651-739-1700 • fax 651-739-1777 • 7033 6th St. N. • St. Paul, MN 55128 USA
www.MassmanLLC.com • info@MassmanLLC.com