ECAM
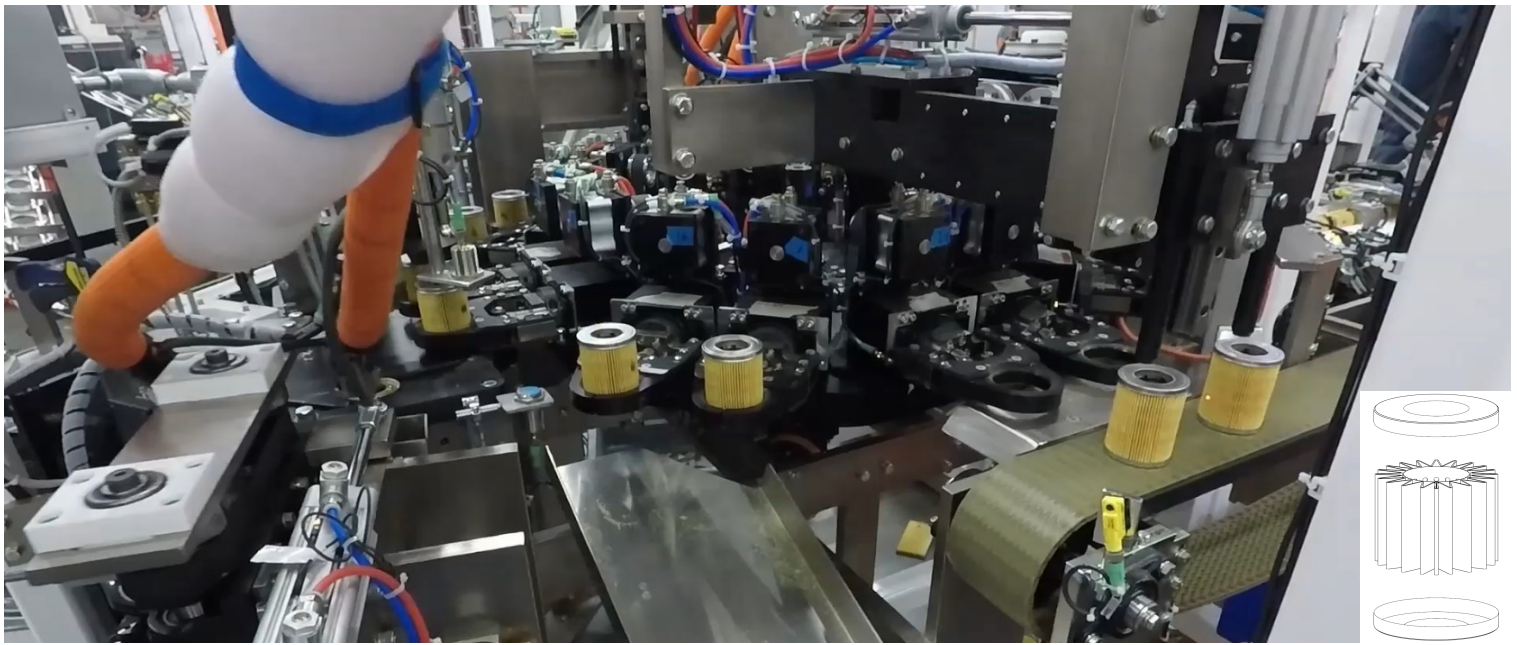## End Cap Assembly Machine

The Massman ECAM can be purchased in either a semi-automatic manual load configuration or as a fully automatic assembly system with seamed cartridges loaded directly from a Massman seaming machine. End caps made of metal, plastic, moldable adhesive or felt in various shapes can be accommodated in diameters of 2 to 4 inches (50 to 100mm) with semi-standard machinery. Machines are PLC controlled and HMI interfaced with automatic servo changeovers where possible, often having 1-minute changeovers for dimensional variations. Cycle rates of 20, 30 and even 60 ppm are typical.

AVAILABLE MODELS
ECAM-E (Embedding with re-melt plastic)
ECAM-M (Mold formed end caps)
ECAM-P (Potted with thixo or non-thixotropic adhesive)
ECAM-U (Ultrasonic weld attached)

Over the past 30 years, Massman filter assembly systems have earned a reputation for proven performance and continuous improvement. With a wide range of product capabilities, Massman has the right solution to help you achieve maximum efficiency and lower production costs.
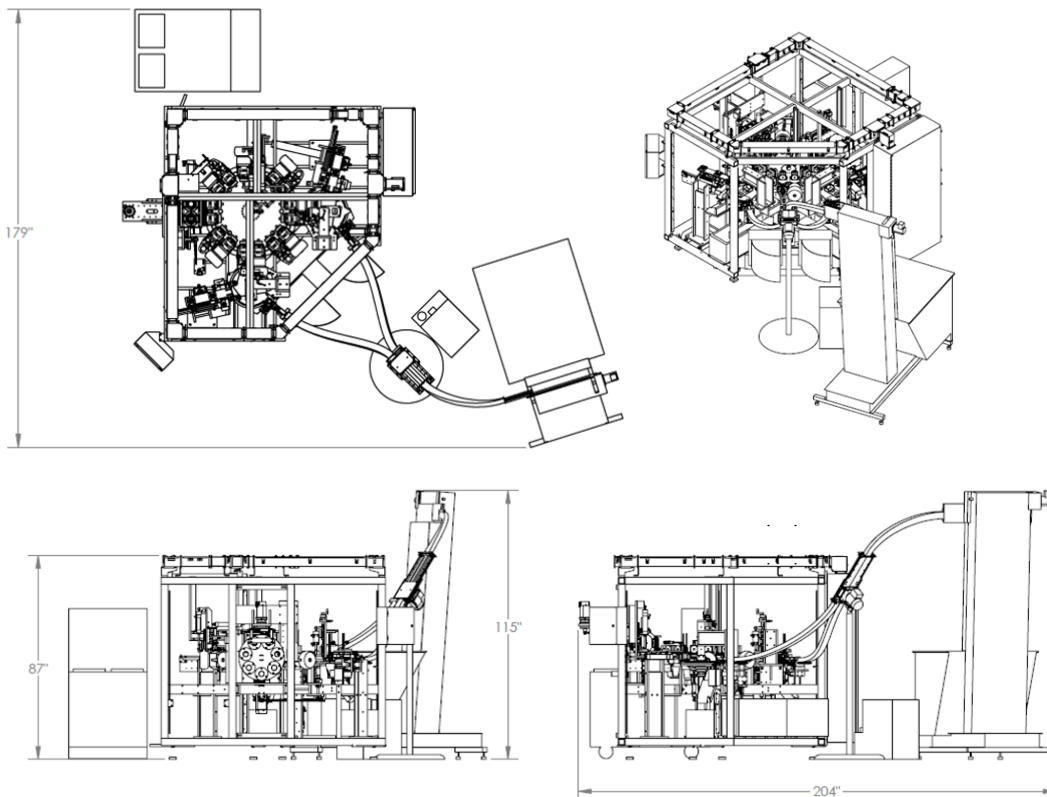
The **Massman** Companies

ECAM Specifications

ECAM Design Capability

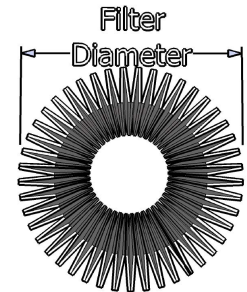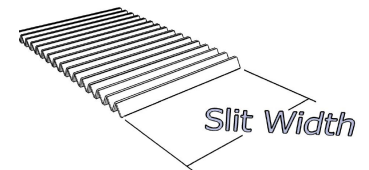| Characteristic	ECAM-E	ECAM-M	ECAM-P	ECAM-U
Slit / Filter Height	1.50" - 8.00" (38mm - 200mm)			
Filter / End Cap Diameter	2.0" – 4.0" (<10") (50mm – 100mm) (<250mm)			
Center Tubes	With or Without			
Cycle Rate	20 to 60 ppm (Application Specific)			

Slit Width

Filter Diameter

ECAM Dimensional Layout

179"

87"

115"

204"

Features

- Standard designs, proven process built for your unique filter requirements

- For water, air, oil, alcohol, medical applications, and fuel filtration

- World Class Manufacturing built to your country's build standards

- Each part is stamped with a unique part number, and then painted, plated or anodized

- 24-hour phone support

- Dedicated spare parts department

- After sale onsite service

* Listed dimensions are only for reference and are subject to change without notice.
** ECAM equipment can conform to OSHA, UL, CUL, CSA, NFPA and CE standards.

The **Massman** Companies