

RAS / RVAS

Robotic (Vision) Assembly System

The Massman Robotic Assembly System (RAS) and Robotic Vision Assembly Systems (RVAS) are fully automatic robot systems that assemble filter components at speeds of 60, 90, and 120 ppm. Components such as filter cartridges, springs, check valves, grommets, o-rings, sensors, drain valves and nut plates have all been assembled using end effectors of various styles including expanding mandrels, vacuum or pneumatic grippers, electro or permanent magnets. The systems can be used in factory automation environments, clean rooms, and even booted for wash-down applications.



AVAILABLE MODELS

RAS (without vision)

RVAS (with vision)

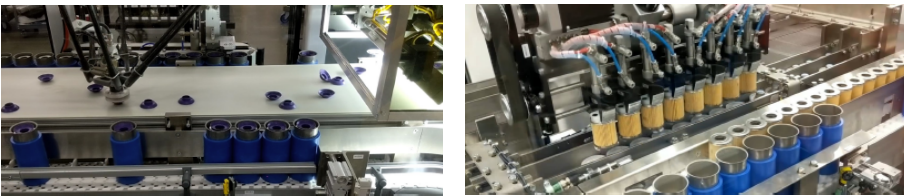
Over the past 30 years, Massman filter assembly systems have earned a reputation for proven performance and continuous improvement. With a wide range of product capabilities, Massman has the right solution to help you achieve maximum efficiency and lower production costs.

 The **Massman** Companies

RAS / RVAS Specifications

High Speed RAS / RVAS Design Capability

Characteristic	High Speed RAS / RVAS
Slit / Filter Height	1.50" - 8.00" (38mm - 200mm)
Filter / End Cap Diameter	2.0" - 4.0" (<10") (50mm - 100mm) (<250mm)
Cycle Rate	Up to 120 ppm; (Application Specific)

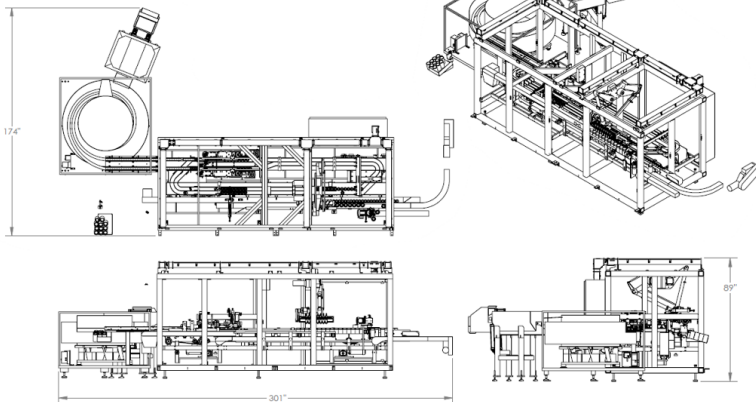


Features

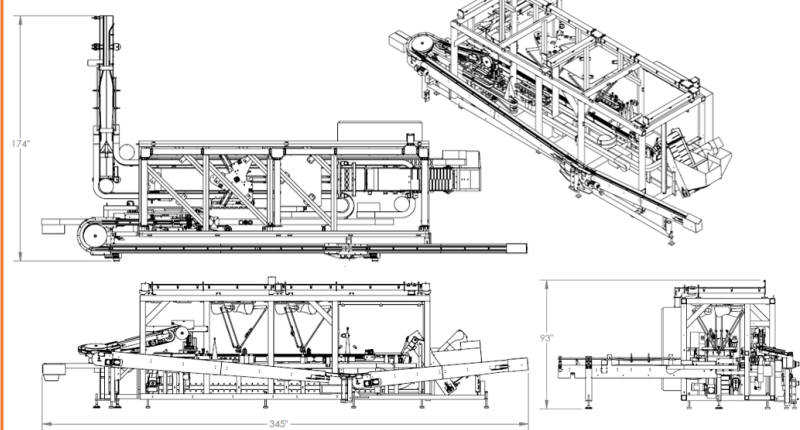
- Standard designs, proven process built for your unique filter requirements
- For water, air, oil, alcohol, medical applications, and fuel filtration
- World Class Manufacturing built to your country's build standards
- Each part is stamped with a unique part number, and then painted, plated or anodized
- 24-hour phone support
- Dedicated spare parts department
- After sale onsite service

Dimensional Layouts

RAS Dimensional Layout



RVAS Dimensional Layout



* Listed dimensions are only for reference and are subject to change without notice.

** RAS / RVAS equipment can conform to OSHA, UL, CUL, CSA, NFPA and CE standards.