

MASSMAN

ROBOTIC VISION ASSEMBLY SYSTEM

- Flexible parts feeder with quality inspection sorting
- Continuous motion assembly
- Speeds up to 90 per minute
- Menu-driven changeovers



**AVAILABLE
MODELS**

**NUT PLATE PLACERS
GROMMET FEED & PLACE
SPRING FEED & PLACE
VISION BULK FEEDER**

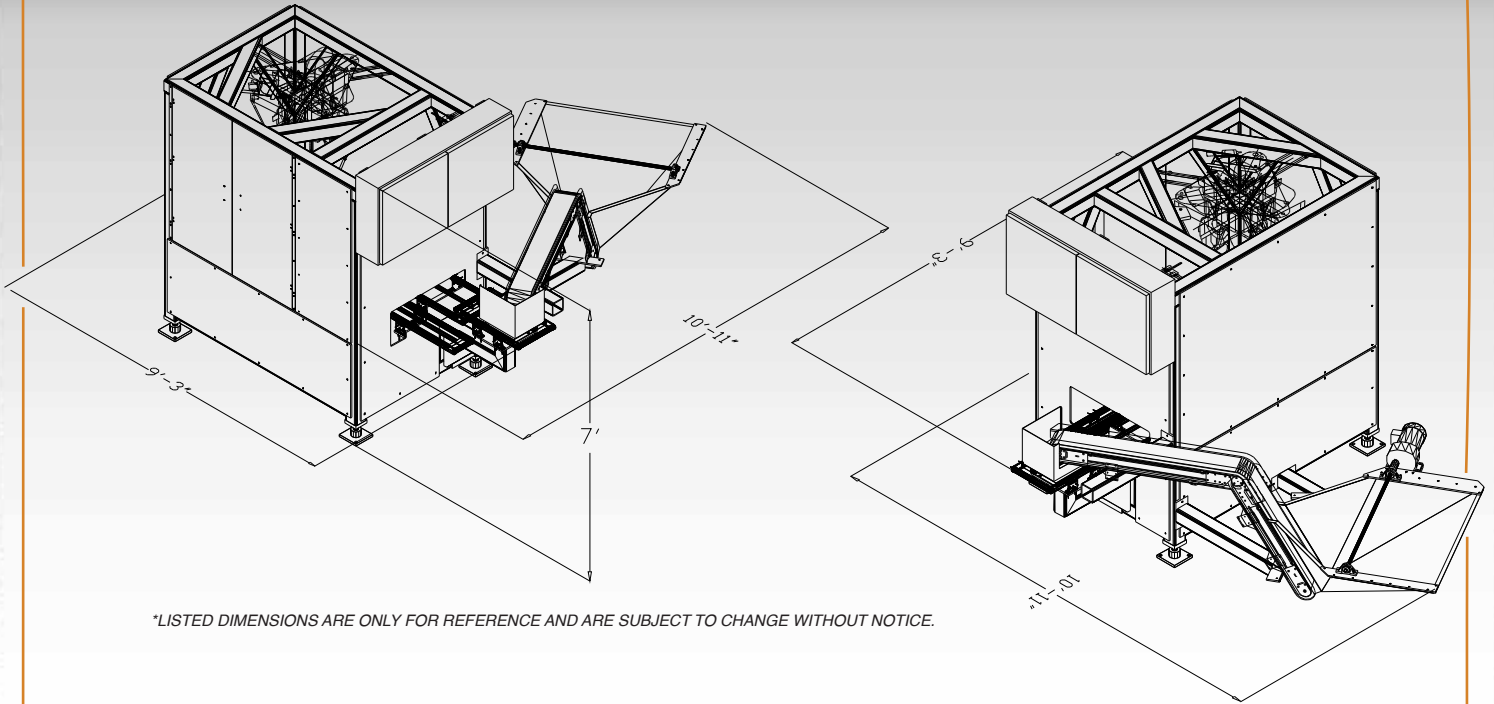


MASSMAN
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Streamlining Production Through Automation™

MACHINE OVERVIEW:



*LISTED DIMENSIONS ARE ONLY FOR REFERENCE AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.



Vision Lighting



Tracking Encoder



Bulk Parts Hopper



Disperse Conveyor



End Effector



Control System



Disperse Conveyor



Vision Cameras

Features:

- Theta radial orientation of parts
- 0.004 inch repeatability
- 44 inch work diameter by nearly 10 inch vertical travel
- 4.4 pound payload (minus and effector)
- Can use vacuum, magnetic or grippers end effector
- Capable of 150 picks and places per minute; typical applications at 90ppm
- Capable of 8 or more robots in series
- Wash down availability

Integrated Packaged Components:

- ABB's IRB 340 Delta 4 Robot (FlexPicker)
- Custom Built End Effector
- Vision System Lighting
- Conveyor Tracking Encoders
- Parks Bulk Feed Recirculation System
- Incoming Product Assembly Conveyor
- Control System with Pick Master Software