

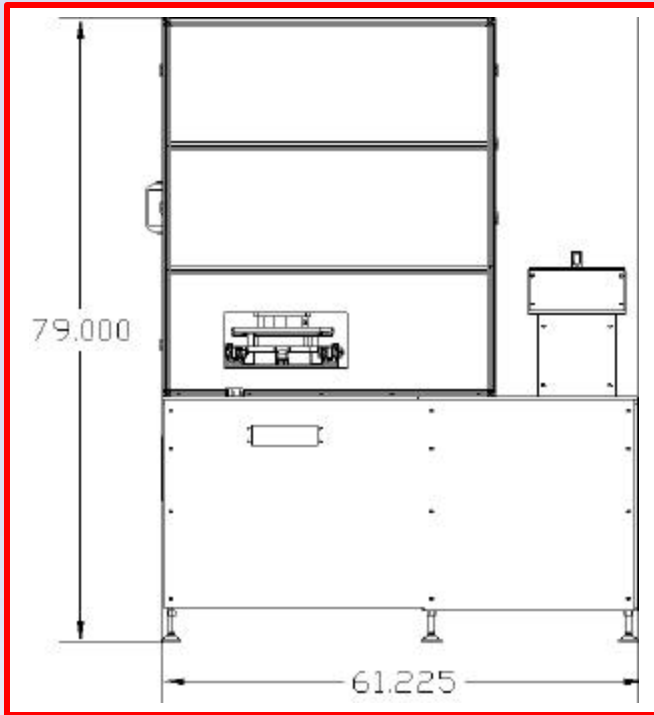
# AUTOMATIC SCREW MACHINE

PN: ASM-1M-1F-3A

## STANDARD FEATURES:

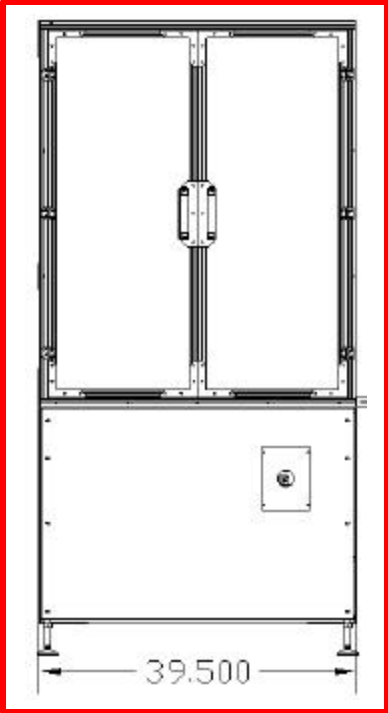
- 1 Meter X 1.2 Meter Footprint
- CONVEYOR
  - 1 Meter Edge Conveyor
  - PCB Edge Lift and Clamp
  - Precision PCB Board Stop
  - Speed Control Slow Down
- GANTRY
  - 2 Axis Precision Gantry
  - 18 X 20" Platform
  - Yaskawa Servo Drives for Each Axis
  - THK Slide and Ball Screw Cartesian Gantry Assembly
- SCREW GUN
  - Bottom or Top Side Screw Gun Assembly
  - Single Spindle Assembly
  - Depth Sensor Controls
  - Torque Sensor Controls
  - Closed Loop Feed Back for Screw Assembly Complete
  - 50 MM Z Axis Stroke (On Precision Slide Assembly)
  - Screw Feeder Assemblies
  - Capable of Changing Torque Automatically
- PRESS PLATE
  - Pneumatic Press Plate Assembly
  - Interchangeable Tooling Fixtures (Change out in Less than 5 Minutes)
- SOFTWARE
  - Programmable Positions
  - Recall Programming from Recipe





## OPTIONS:

- Multiple Screw Guns
- Multiple Bowl Feeders
- Conveying Media:
  - Pallet Timing Belt
  - Edge Chain
  - Edge Roller
- Light Tower with Alarm
- Automatic Width Adjust
- Remote Control Station
- Depth/Presence Pin Check Station
- PC Controls
- Line Networking
- 2D Barcode Reader
- Manual Assembly Station



## SPECIFICATIONS:

- PCB Size:.....Min. 2" X 4"  
.....Max.16" X 18"
- PCB Height:..... 37.5" + - 2"
- Edge Clearance:.....100" from edge of PCB
- Air Requirements:.....2 cfm @ 25 PSI
- Power Requirements:.....15 amps @ 220VAC
- PCB Max Weight: .....10 lb.
- PCB Min. Thickness:.....010"
- PCB Max. Thickness:.....180"
- Cycle Times:
  - Load/Unload.....6 sec.
  - Screw Drive .....2.3 – 3 sec.