

PAS

PLASTIC ASSEMBLY SYSTEMS

Model .25 Actuator System

The PAS Model .25 Actuator system is a low cost precision heatstaking machine designed for production runs of small to medium sized parts.

Heatstaking and insertion makes use of direct contact heated tools and precisely controlled time, temperature, pressure and cooling to reform plastic studs, walls, and protrusions, or to embed metal components into plastic. This offers the ability to perform multiple operations on several planes simultaneously. Cycle times are relatively fast, and productivity can be increased through the assembly of multiple products. Cosmetics are so exceptional that heatstaking appears to be an extension of the molding process.

Standard Features

- Micro-processor based system controls
- System part cycle counter
- Easy access gross head height adjustment
- Pressure regulator / filter
- Password protected machine setup menu
- Adjustable hydraulic speed control
- Fine pitch 24 tpi mechanical depth stop
- True system dwell time
- PID based temperature controllers with auto-tune feature
- In-temperature feature with out of temperature alarm
- 4" of available stroke
- Resettable day counter
- Quick tooling change over
- Lock out / tag out system dump
- Operating Manual
- Rigid tubular column design
- 1 year warranty

Options Available

- Adjustable leveling base
- Automation remote actuation cables
- Pneumatic part clamping
- Standard rotary table with light curtain actuation
- Post Cooling
- Machine stand with casters
- Manual or pneumatic slide table
- Part presence detection hardware
- Optimus control package upgrade



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HOT PLATE WELDERS • CUSTOM ASSEMBLY SYSTEMS • PRE-OWNED EQUIPMENT

Model .25 Actuator System

Specifications:

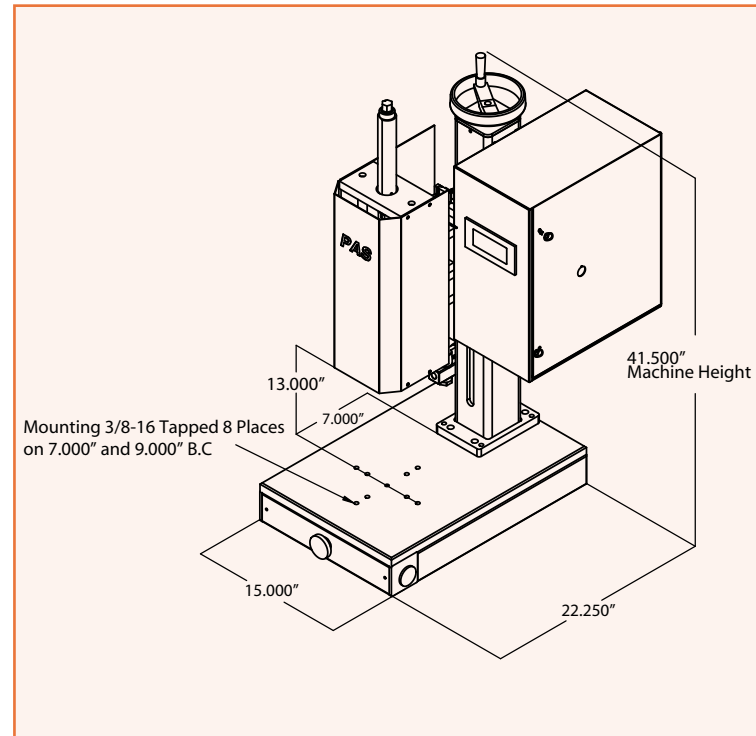
- Nominal Pressure: 1/4 ton
- Clamp Pressure @ 100 psi: 500 lbs
- Cylinder Bore Dia. 2"
- Power Req.: 110vac or 240vac
- Pneumatic Req.: Clean, dry air at 100 psi / 7 bar

Dimensions:

- Work base: (22.25 x 15 x 4 inches)
- Part height max: 13.00 inches
- Overall dimensions: (15 W x 22.25 D x 50 H inches)
- Stroke: 4.00 inches
- Throat: 7.00 inches, from center of head
- Weight: 225 lbs.

System Controls:

- Micro-processor based system.
- System parameters are easily entered in the panel mount PLC Display.
- In-temperature feature checks system prior to every cycle to assure proper operating temperature / operating window can be adjusted in 1 degree increments above and below temperature set point.
- True system dwell time.
- Password protected machine setup menu, allows only authorized operators to change the operating mode of the system.
- Multiple cycle counter, and re settable day counter.



Optional Optimus Controls

Panel Mount PLC Display



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