

PAS

PLASTIC ASSEMBLY SYSTEMS

Model .50AS Actuator System

PAS Model .50AS Actuator System is a low cost high quality heat staking machine designed for full production runs of small to medium sized parts.

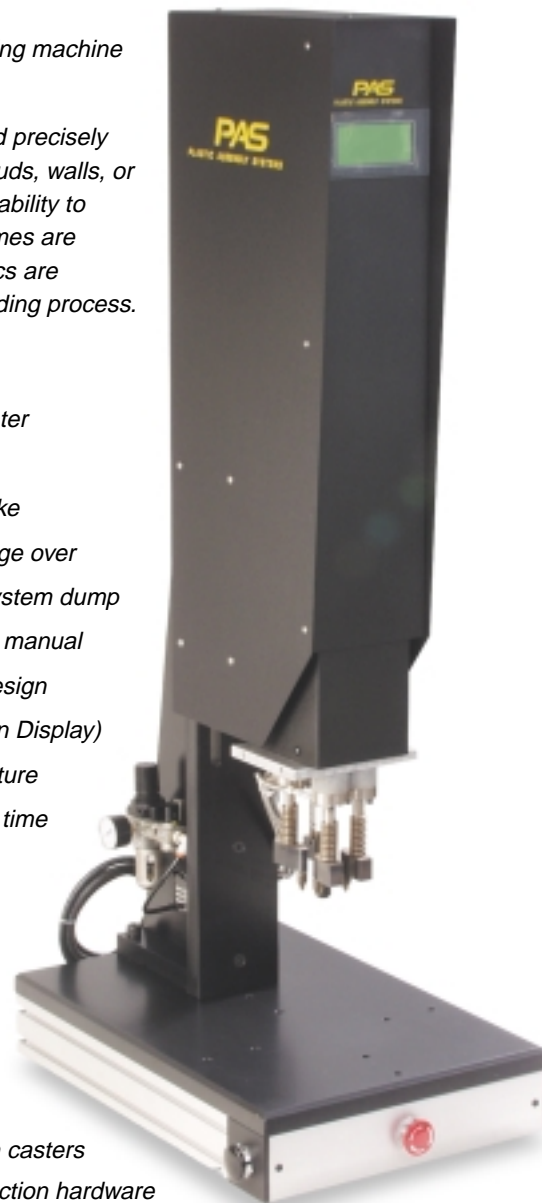
Heatstaking and insertion makes use of direct contact heated tools and precisely controlled time, temperature, pressure, and cooling to reform plastic studs, walls, or protrusions or to embed metal components into plastic. This offers the ability to perform multiple operations on several planes simultaneously.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

Standard Features

- Micro-processor based system controls
- System part cycle counter
- Internal PID based temperature controllers
- Easy access gross head height adjustment
- Pressure regulator
- 2 Year warranty
- Adjustable hydraulic speed control
- Fine pitch 24 tpi mechanical depth stop
- True system dwell time
- Part presence detecting
- Password protected machine setup menu
- Multiple cycle counter, and re-settable day counter
- Internal multi-zone temperature control adjusted through touch screen (2) standard
- System cycle counter
- Freeze out cooling
- 6" of available stroke
- Quick tooling change over
- Lock out tag out system dump
- Machine operating manual
- Dovetail column design
- TSD (Touch Screen Display)
- In-temperature feature
- Freeze out cooling time

Options Available

- Adjustable leveling base
- Automation remote actuation cables
- Manual part clamping
- Standard rotary tables with light curtain actuation
- Manual slide table
- Machine stand with casters
- Part presence detection hardware



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ULTRASONIC WELDERS • HEATSTAKING AND INSERTION MACHINES • VIBRATION WELDERS
SPIN WELDERS • HOT PLATE WELDERS • CUSTOM ASSEMBLY SYSTEMS • PRE-OWNED EQUIPMENT

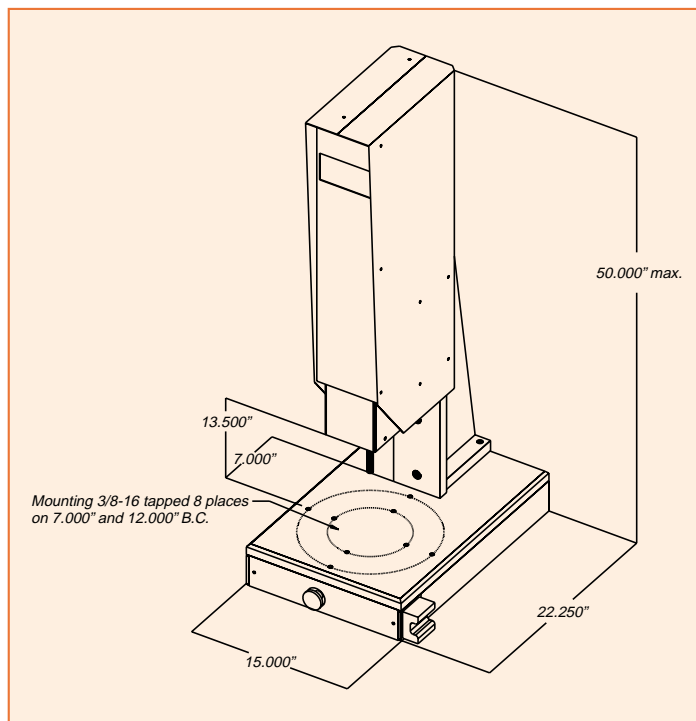
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Specifications:

- Nominal Pressure: 1/2 ton
- Clamp Pressure @ 80 psi: 1000 lbs.
- Cylinder Bore Dia.: 4.00"
- Power Req. : 240 VAC, 1 phase , 20A
- Pneumatic Req. : Clean, dry air at 100 psi /7 bar

Dimensions:

- Work base: (22.25 x 15 x 4 inches)
- Part height max: 13.50 inches
- Overall dimensions: (15 W x 22.25 D x 50 H inches)
- Stroke: 6.00 inches
- Throat: 7.00 inches, from center of head
- Weight: 250 lbs.



System controls:

- Micro-processor based system control offers large easy to read LCD touch screen display
- Systems parameters are easily entered into the TSD through a large pop up menu numeric key pad
- 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 and freeze out cooling time destroy part memory and assures a tight assembly
- Password protected Machine setup menu, allows only authorized operators to change the operating mode of the system
- Freeze out cooling, part presence detecting can be turned on or off by a simple press of a button
- Multiple cycle counter, and re-settable day counter
- Internal Multi-zone temperature control through touch screen capable up to four zones standard



▶ The Model .50AS features a touchscreen interface

The back panel of the unit features multiple heater outputs and the system operation cables ▶



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124 PEPE'S FARM ROAD • MILFORD, CT 06460 USA • FAX: 203.882.1718 • TEL: 866.882.1701

E-MAIL: SALES@HEATSTAKING.COM • INTERNET: WWW.HEATSTAKING.COM

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