

PAS - Plastic Assembly Systems

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Hot Plate Plastic Welding



Hot plate plastic welding is generally used to weld large and irregular shaped plastic parts with difficult contours and joint lines. Hot plate welding uses a heated platen to radiate heat through close proximity and melt the joining surfaces. After the part interfaces have been melted, the parts are brought together to form a molecular, permanent, and in many cases a hermetic seal. Hot plate welders are commonly available to join parts in either a vertical or horizontal plane.

Capabilities of PAS Hot Plate Welders

- Closed Loop Process Controls
 - Weld by Distance or Time
 - Touch Screen Interface
 - Multiple Program Memory Storage
 - Easy Tooling changeover
 - Pneumatic and Hydraulic
 - Systems available
 - Non-Contact Systems
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