

Specifications 4090

The AccuPlace model 4090 is designed to assemble specifically large adhesive components within its 4.0" x 9.0" / 10.1 cm x 22.86 cm capacity. The machine offers a wide range of features, options and software parameters. This allows optimal adaptation to your specific requirements. Various placement actuator options allow practically any kind of part placement. With a repeatability of $\pm 0.002"$ / 0.05 mm, the model 4090 is the most capable and accurate machine for placing large film adhesive components.



Features

- Various options allow optimum adaptation to application specific requirements
- Clean Room option to reduce the chance of contaminating the target part
- Nickel Peel Plate Kit to detect components that require highly reflective background
- AccuPlace's proven Pick'n'Peel™ process for ultimate accuracy and process reliability
- Minimal mechanical adjustments allow for easy component changeover
- High precision construction insures lasting quality

Specifications

Construction	Cast Aluminum Frame
Size: Depth	1,040mm [40.94"]
Height	680mm [26.78"]
Width	397mm [15.63"]
Weight	74.75kg [165 lbs]
Accuracy	$\pm 0.002"$ / 0.05 mm *
Input Voltage	24 VDC, 4 Amps (fused)
Air Requirements	5Bar [75 psi]
Air Consumption	2.0 cfm (56 liter/min)
Capacity (Component size)	4.0" x 9.0" 0.25" thick / 101.6mm x 228.6mm x 6mm thick
Roll Capacity	$\varnothing 430$ mm [17"]
Roll Core Size	$\varnothing 76$ mm [3"]
Cycle Time	0.7 - 2.5 Seconds *
Force (placement actuator)	35 lbs (153N) Maximum (Adjustable)
Stroke	5" (127 mm) Standard 8" (203 mm) or 12" (305 mm) Optional
Standard Interface	2 Outputs: Ready & Clear 1 Input: Cycle
Optional Interface	TTL Serial Reporting
External IO	8

* Component Dependent