

RM1515

Capacity

1.5" x 1.5"

3.8 cm x 3.8 cm



The RM1515 is designed to assemble any self-adhesive component within a 1.5" x 1.5" / 3.8 cm x 3.8 cm capacity.

The machine has a compact footprint and offers a wide range of features and options that allow for optimal adaption of the component's specific requirements. Various placement actuator options enable placement of a component in any orientation. With full serial control communications and an intuitive interface, the RM1515 is the fastest, easiest to use, adhesive component placement machine of its kind.



The recognized leader in adhesive component placement technology

RM1515

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Why RM?

AccuPlace robot mode RM1515 is an adhesive component feeding system for components up to 1.5" x 1.5" utilizing a robot to perform the placement.

A robot mode is used:

- Where tolerances mandate the use of cameras for assembly
- Where high speed automation necessitates the use of cam-operated pick-and-place devices
- Where multiple placement locations and/or orientations are involved
- Where problematic placement locations require complex actuation mechanisms.

Options

Rewind Reel

To take up waste liner

Flangeless Mounting

For additional clearance under the machine

Clean Room

To reduce contamination

Tape Out Sensor

Which indicates when supply nest is empty

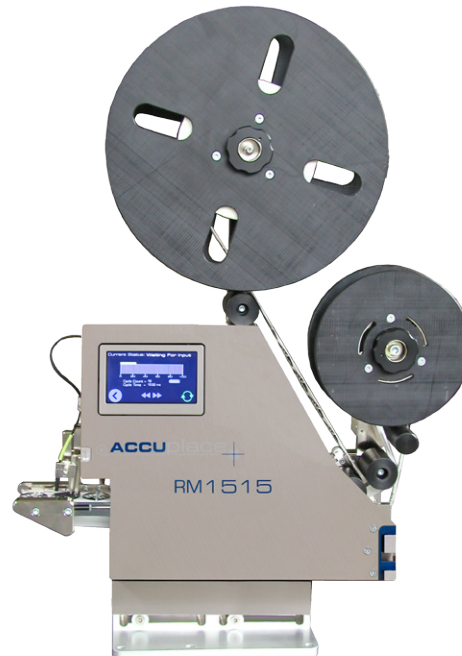
Universal AC Power Supply

Mounting Foot

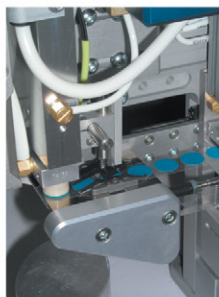
For horizontal mounting of machine

Nickel Plated Peel Plate Kit

For a more reliable peeling of components from a clear liner



Rewind Reel



Nickel Plated
Peel Plate Kit

Features

- Small overall equipment dimension for integration into work cells
- All aluminum parts are nickel plated
- Clean room option available to reduce chances of contaminating the target part with particulates from the placement machine
- 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

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Specifications

| | |
|--------------------------|--|
| Accuracy (repeatability) | ± 0.002"/0.05 mm* |
| Cycle Time | 0.5 - 1.5 sec. typical* |
| Capacity | |
| Max Liner Width | 1.5"/38 mm max. |
| Max Component Length | 1.5"/38 mm max. |
| Max Component Thickness | 0.2"/5 mm max. |
| Reel Size | ø 3.0"/76 mm I.O., ø 12"/300 mm O.D. |
| Roll Core Size | 3"/76mm |
| Air Pressure Requirement | 75 psi/5 bar |
| Air Consumption | 1.0 cfm/28 liter/min |
| Assembly Pressure | 8 lbs/35 N max (adjustable) |
| Environmental | Temperature: 50 - 100° F / 10-38° C Humidity: <90% non condensing |
| Electrical Interface | 2 outputs: ready & clear, 2 inputs: cycle & robot clear |
| Optional Interface | RS-232 Serial Control |
| External I/O | 4 in, 4 out |
| Stroke | 5"/127 mm standard |
| Power | 24 VDC, 1.6 amps (fused) |
| Mounting Orientation | Any Orientation |
| Weight | 22 lbs/10 kg |
| Size: Depth | 19.58"/497mm |
| Height | 25.68"/652mm |
| Width | 3.485"/88.5mm |

*Component department. AccuPlace will evaluate your application upon receiving your parts and specifications.