

## Dual-Part Dispensing System - Manual Load and Unload



Sealant Equipment & Engineering robotic dispense system dispensing adhesive in a dual station manual transfer fixture

- ▶ Dispense adhesives, sealants and lubricant materials with precision
- ▶ Parts are manually loaded and unloaded at two stations for increased production rate
- ▶ Dispense various part configurations with one robotic dispensing system
- ▶ Material is dispensed using precision 6-Axis motion
- ▶ Complete robot dispense system includes supply, meter, control, dispense valve, hoses, valve tooling, fixture, part tooling, 6-Axis robot, controller, pendant
- ▶ Part programming available by Sealant Equipment
- ▶ Up to 10 kg payload at wrist

### Precision Dispensing Robots for Manual Load Applications of 1- and 2- Component Materials

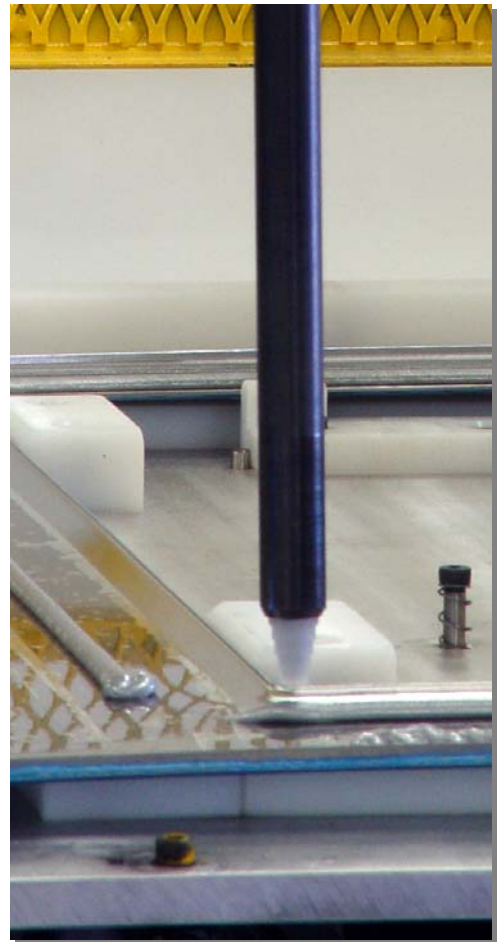
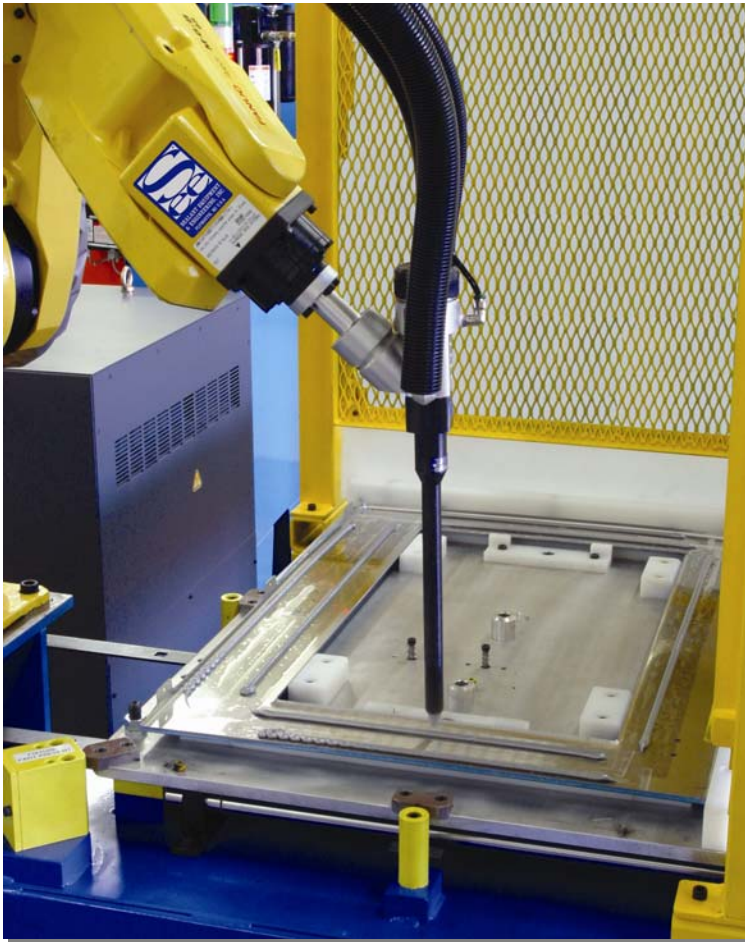
The robotic dispensing system typically selected is a small 6-axis robot for precision bead placement and high performance dispensing technology. The robot design is robust and provides added stability for precise material placement.

Each small robot dispense system includes a complete fluid metering dispense system, from supply to nozzle, and manual load part fixture integrated with a small dispensing robot system complete with controls and teach pendant. Bead path programming, installation and start up assistance is provided by Sealant Equipment.

### Typical Applications

- Electronic Potting
- Product Bonding
- Component Sealing
- Gasketing (CIPG, FIPG)
- Product Filling
- Decal Doming
- Contract Manufacturing

# Servo-Flo<sup>®</sup> RDS-10 Robot Dispense System



Servo-Flo RDS-10 robot dispensing system with manual load fixture, tooling, 2-component mix-dispense valve and dress-out

Available bead path programming is performed on the user's parts

## Technical Information:

Model: Servo-Flo RDS-10

Meter Type: Positive Displacement Meter

Meter Drive: Servo-Motor or Air-Oil

Materials Dispensed: 1-Part or 2-Part

Fixture Type: Manual Load and Unload

Part Tooling: Single or Multiple Part

Robot Axis/Payload/Reach: 6-Axis, 10 kg, 951 mm

Bead Path Repeatability:  $\pm 0.08$  mm

Form SF-RDS-10-001



Manufacturers of Precision Dispense Systems & Valves

45677 Helm Street • P.O. Box 701460

Plymouth, MI 48170 • USA

Phone: (734) 459-8600 Fax: (734) 459-8686

Web: [www.SealantEquipment.com](http://www.SealantEquipment.com)

E-mail: [sales@SealantEquipment.com](mailto:sales@SealantEquipment.com)