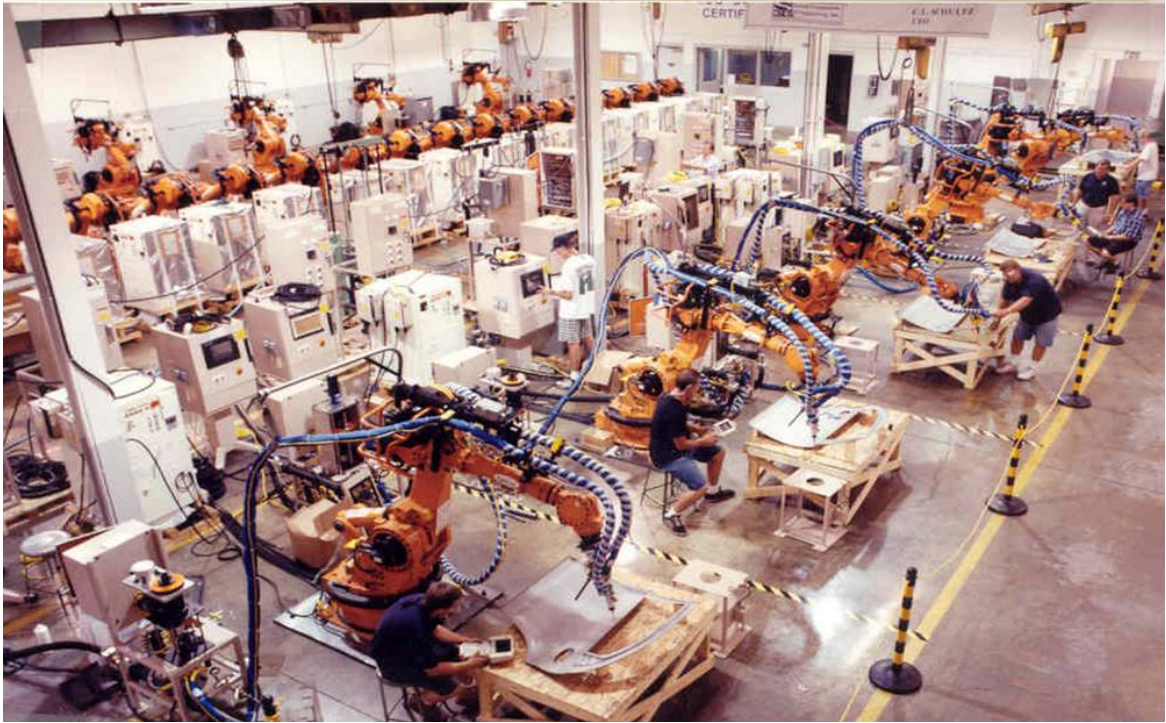




Manufacturers of Precision Dispense Systems & Valves

Dispensing System Robot Integration

Robot Integration, Dress-Out and Programming Services



Sealant Equipment & Engineering can reduce your program costs and improve project completion time by integrating robots with metering systems prior to shipment. We have the engineering design experience and capability to integrate entire robot automation cells and interface the robot and meter-mix and dispensing systems to the network

Precision Metering Unit for Adhesive, Sealant and Mastic Materials

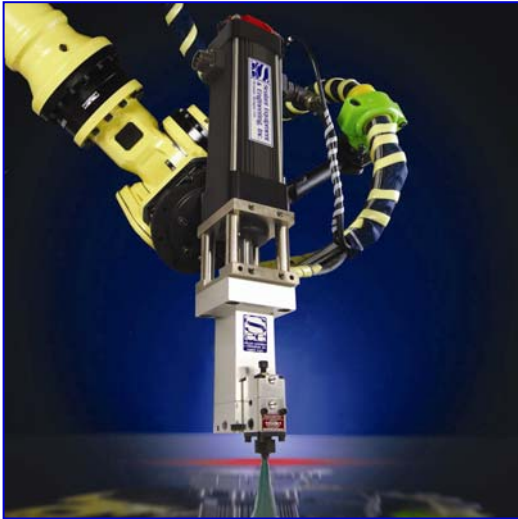
Sealant Equipment & Engineering provides complete integration of customer robots and SEE's dispensing systems for end-users and automation line builders including:

- Standard and customer tooling design and manufacturing
- Dress-out design and assembly for fluid and electric lines
- Complete bead-path programming of all customer parts
- Wet out systems for production performance analysis
- Cpk analysis of all dispensing systems prior to shipment
- Run-off of all customer parts prior to shipment

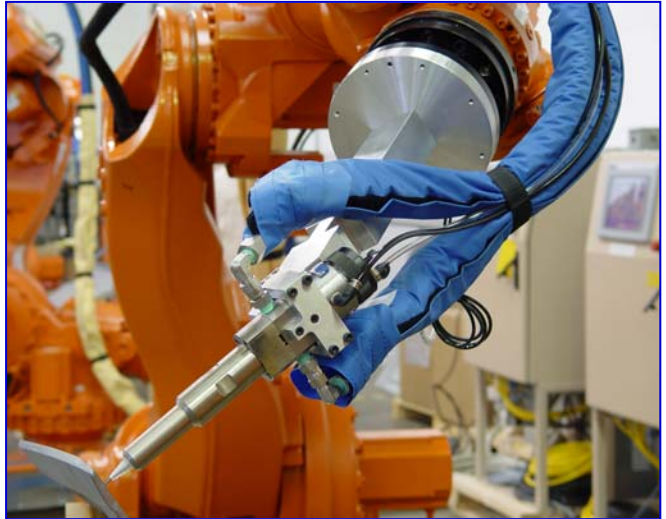
Typical Applications

- Integrated Automotive Shop material dispensing systems
- Streaming, extrusion, spray and high speed mastic stitching applications
- Unique Robotic end-of-arm mounting requirements
- Pedestal mounted dispensing applications

Robot Dispensing System Integration



**Servo-Flo meter mounted on robot EOA
Tooling with Dress-Out along Robot Arm**



**Streaming Dispense Valve mounted on robot EOA
tooling with material temperature control**



Wet Run-Off for End-User and Automation Line Builder including Cpk Analysis



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