Large Format Robotic Dispensing Systems

- Simply the best modular dispensing table available.
- Built for Performance: Brushless servos & pre loaded ball slides.
- High payload capacity/high speed operation.
- Easy Fixturing: Full length T Slot table base.
- Easiest to Use: Teach, Type or CAD Import motion patterns.
- Real Time Control: Motion, dispense flow, pressure, volume, etc.
- History File: On board logging of batch counts, cycle times, with date/time data.
- Pre Programmed Functions: For motion paths, beading, potting, spraying, filling, etc.
- Field Proven: Thousands of successful installations worldwide.
- Available Options: Vision, part marking, inspection, assembly.

Our large format robotics can automate and streamline that messy manual application with accurate performance while saving material.
We Offer:
- Industrial grade machine tool quality equipment.
- Total system responsibility.
- Application driven solutions.
- Multi-industry experience & success.
- Limitless customizing capability.

Real World Connectivity:
Each Dispense Works machine features the latest embedded controls* with:
- RS-232
- Network (LAN)
- Dual USB Ports
- Keyboard
- 3 COM Ports
- Digital I/O
- Analog I/O
- PWM Output
- Programmable Regulators
- 6 Axes of Motion
- Compact Flash Card Memory
- Bar Code Scanner
- File Import / Export
- Real Time Feedback Pressures & Flows
- Full Vision with Auto Correction
- On Board Diagnostics

* Some are available as options
Smart Software

The most advanced and powerful control software is now the easiest to use and understand.

Step & Repeat Cloning
One of hundreds of included functions to streamline your production.

Dynamic Program Builder
Provides an easy to use, easy to understand, graphical interface as you build your patterns.

In teach mode, the image is automatically drawn as you jog the machine.

Security Files
Limit access to any function or menu entry.
Several may exist to provide multi-level access such as:
• Operator
• Technician
• Engineer

Pressure Files
Allow simple software control of syringe or tank pressures and can provide dynamic pressure settings, in absolute time, for materials that slowly harden over time.
Closed loop feedback of actual values may be used in the machine logic to trigger events.

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Machine Status & History
View machine status and access production history information over the network. Track values by serial number.

Easy Visualization
No programming experience required.
Graphical screens allow visual pattern layouts using an image of your parts.

Real Time Dashboard
Remote diagnostics screen displays input status and provides direct control of motors and outputs for easy setup, trouble shooting, etc.

Control by Color
Just click any entity on the screen and set a color. Then enter the speed, height, dispense rate, etc. in the tool file chart.
It really is that simple.