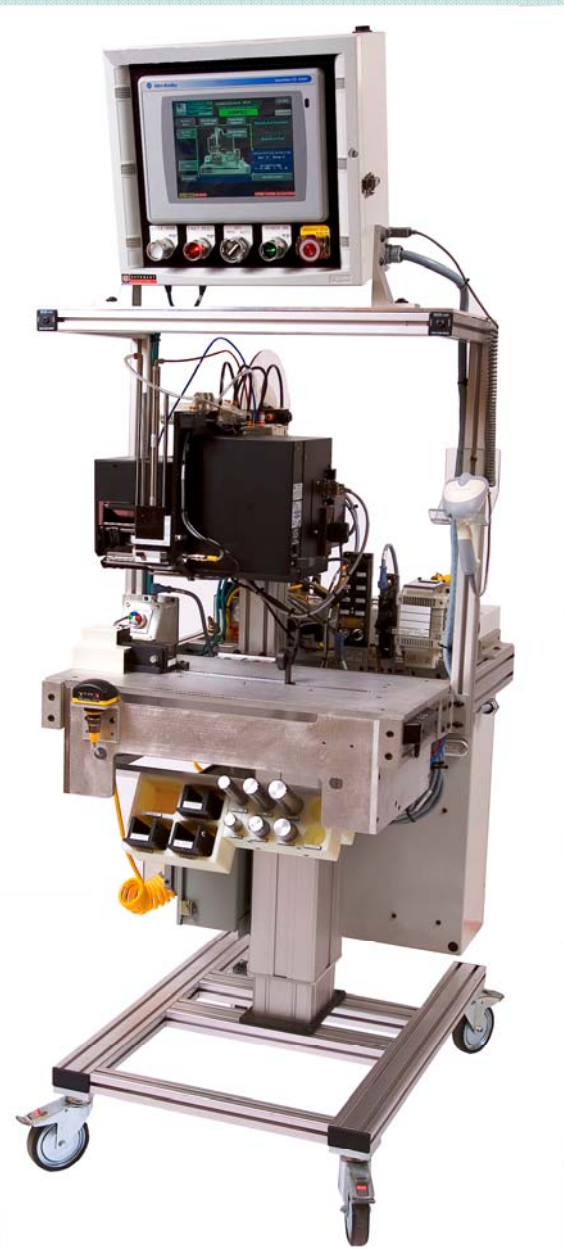




SETPOINT

Label Print and Apply Station

productivity delivered.



THE CHALLENGE

Precisely, quickly and consistently place a serialized barcode label, critical to down stream processes, onto a wide range of part sizes with less than a 30 second change over time between model configurations.

THE SOLUTION

This highly mobile label print and apply station offers the ultimate in flexibility and reliability. The integrated print and apply system allows for serialization or sequential barcode labels to be printed and applied to the product. This allows you to track each and every part through the entire manufacturing process.

Because of the wide variety of product sizes the parts are manually loaded and off loaded in order to maintain flexibility. Label print and apply is initiated via a single opto-touch button. After labels are applied a scanner verifies that the barcode is present and readable.

Onboard tooling and fixture storage makes model change overs quick and efficient. The touch screen operator interface allows for easy setup and diagnostics of machine.

(Right) The Allen Bradley VersaView 1000 series operator interface terminal allows for quick and easy access to overall machine processing parameters. The operator can jog automation sequences in manual mode for set up and alignment or trouble shoot any aspect of the automated label apply process. Emergency-stop, cycle home, fault reset and manual/auto select buttons are all standard on the operator interface console.

(Left) The onboard tool storage fixture houses up to 8 different model change over tool sets. Station reliability and overall up time is of key importance. Setpoint understands this and ensures that each station is quick change capable. In most cases change outs can be performed with no tools required.



LABEL PRINT AND APPLY STATION

APPLICATION

- > Label application
- > Serialized barcode label application

PERFORMANCE

- > Cycle Rate: 3-4 Sec/Part
- > Barcode serialized printing
- > Accurate label placement
- > Quick change tooling for up to 8 different product models
- > Manual load/unload of parts
- > Mistake proof sensing
- > Barcode scan verify

FOOTPRINT

- > Width: 30" x Depth 42" x Height 70"
- > Adjustable machine height for ergonomic working position

CONTROLS

- > Allen Bradley PLC with Allen Bradley Versa View Touch Screen operator interface
- > Opto-touch cycle start

FACILITIES

REQUIREMENTS

- > Electric: 120 VAC single phase
- > Pneumatic: 80 psi shop air

PNEUMATICS

- > 24 VDC indicating valves
- > Manual lock out
- > Quick dump soft start valve
- > Air preparation unit

SAFETY

- > Emergency-Stop button

OPTIONS

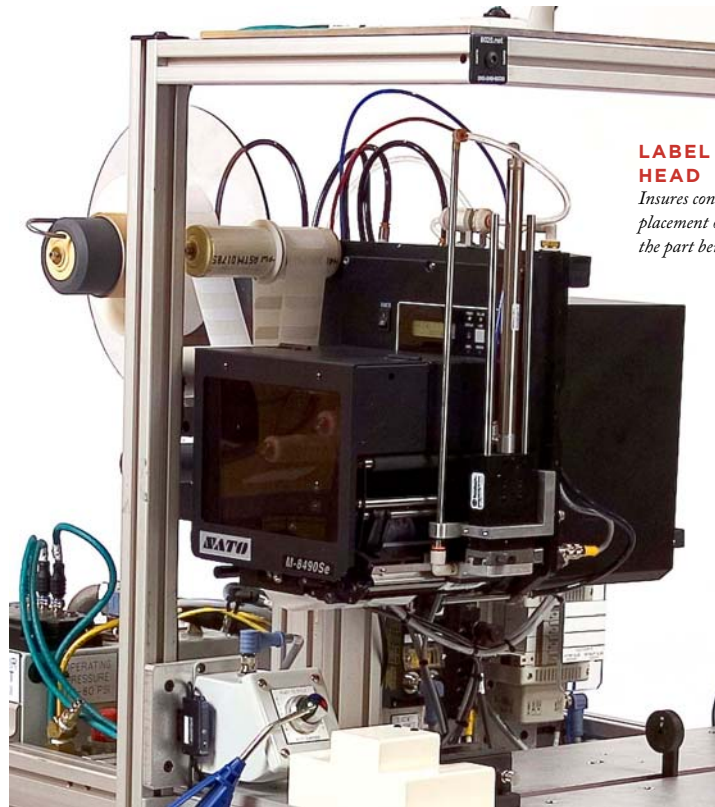
- > Hand barcode scanner for incoming lot traceability
- > Network communication to plant traceability system

COMPACT FOOTPRINT

Allows for easy integration into any manufacturing cell.

LABEL TAMP HEAD

Insures consistent and accurate placement of your label onto the part being processed.



QUICK CHANGE

Flexible nest fixtures allow quick and easy product configuration changes to be made without the inefficiencies of machine down time.

SETPPOINT SYSTEMS

2835 South Commerce Way, Ogden, Utah 84401
801-621-4117, fax 621-4165
www.setpointusa.com, sales@setpointusa.com



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