WHERE AUTOMATION & INNOVATION MEET

ASPS™
Automatic Saw Positioning Systems

ASPS™ – SEAMLESS INTEGRATED CONTROLS

- **Extremely fast & precise positioning.**

- **Reduction of downtime & QC checking on various product dimensions.**

- **Eliminates guess work and "trial & error" method.**

- **Fully integrated and backward compatible.**

iTS Automation & Controls Inc.

Our Partners:

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ASPS™
Automatic Saw Positioning Systems

ASPS™ is a fully integrated, tested and proven control package which integrates seamlessly, utilizing your current control platform & will guarantee a much faster and precise saw positioning method for all your manufactured product dimensions.

Are you currently setting up your saws manually for each product? Are you guessing what your saw positioning displays are indicating? Are your saw blade referencing a common point? Are you compensating for worn out tooling? Are you having to shutdown your line for new cut patterns? Are you spending to much time "re-checking" your saw positioning by running "test boards"?

These are just a few improvements that can be expected when implementing **ASPS™** to your new or existing Finishing Line Control System.

ASPS™ is a unique and fully integrated software & hardware package that has been developed to meet the needs of manufacturers which produce a variety of product sizes. Reliability, Speed, High Precision and completely eliminating guess work and downtime has been the framework for **ASPS™** , a fully engineered and integrated system.

With newly added features such as:

♦ HMI programmable cutting patterns with automatic error checking.
♦ HMI set point adjustment of individual arbor position
♦ Automatic retraction of all arbors for quick maintenance functions
♦ Password protection against accidental Home Position resets
♦ Encoder fault sensing.

ASPS™ can be delivered in a variety of options ranging from a Stand Alone Systems for new installations or retrofitted into existing Finishing Line Systems. There is a solution for each particular need.

By implementing **ASPS™** into your new or existing Finishing Line System, listed below are a few features and equipment/process improvements which you can expect.

- ◆ Extremely High Positioning Precision
    - ⇒ Positioning Error less than 0.005 inches
    - ⇒ Eliminating positioning error caused by gearing backlash

- ◆ Fast automatic positioning of all arbors
    - ⇒ Absolute positioning co-ordinates allowing for multiple Pre-programmed recipes/cut patterns
    - ⇒ One Touch operation for setting all saw arbor positions
    - ⇒ No guessing what the arbor position is eliminating QC Checking and downtime.

- ◆ Simple easy position correction for worn saw blades
    - ⇒ Individual saw adjustability with One Touch correction
    - ⇒ Corrections can be applied to one or all recipes/cut patterns
    - ⇒ One Touch feature to reset positions for new saw blades

- ◆ Seamless Integration with existing control systems
    - ⇒ System is available as a "Stand Alone" or can be merged into the existing PLC program and HMI application.

For additional information, please contact us or visit www.itsautomation.ca to download a video illustrating ASPS™.