

HORIZON

Full-Featured Automatic Setup System for Flexos

AUTOMATIC SETUP

Horizon can automatically position up to 7 rotary axes and 32 linear axes. Using our Box Wizard, setup is quick, simple and accurate. Linear and rotary axes are typically setup in under 30 seconds. New specs can be created in under one minute, with no practical limit to the number of specs stored in the database.

TRACKER

Tracker, a powerful feature of Horizon, monitors and maintains registration during the production run. Using a unique registration monitoring method, Tracker will automatically adjust the registration if it sees movement in the sheets due to warp or movement in the downs due to brake slippage, ensuring registration and increasing productivity and quality.

HEADS UP PROMPTS

Horizon comes with twenty user-defined audio and visual prompts that alert operators, motivating them to be prepared for problems that might increase total setup time and keeping them informed of how they're doing compared to the standard.

OPTIONAL TOUCH PANEL

We now offer a remote-mounted touch screen as an additional operator interface. This touch screen will allow for axis control, registration control and speed control.

OPTIONAL MODULES

- Cruise Control
- Jam Detection
- Glue Detection

Horizon will pay for itself
in a matter of months!

	Current Process	Horizon
Machine Axis Details		
Number of Rotary Axis	4	4
Seconds to Set All Rotaries	180	30
Number of Linear Axis	12	12
Seconds to Set All Linear Axis	360	30
Production Parameters		
Production Overhead / Hour	\$300	\$300
Number of Setups / Year	2000	2000
Sheets Used / Setup	5	1
Cost per Sheet	\$0.30	\$0.30
Annual Costs		
Axis Setup Costs	\$90,000	\$10,000
Setup Sheet Cost	\$3,000	\$600
Total Annual Costs	\$93,000	\$10,600

Annual savings
with Horizon:
\$82,400

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More Ways to Save Money with Horizon



Contact us today and add these optional modules to Horizon, saving you even more money per month!

CRUISE CONTROL

Cruise Control is an exciting and innovative feature that will change the way you look at machine speed. Designed to optimize machine speed and operator performance, Cruise Control allows management to have control of the machine speed, even when they're away from the machine.

Optimizing Machine Speed

Management determines the speed profile for the machine, which includes the start speed and the run speed. Cruise Control then automatically takes the machine to management's pre-determined run speed.

Optimizing Operator Performance

Cruise Control holds your employees accountable for the machine speed. Using the reporting feature, you can view each shift's machine speed per order and the causes for any orders that were run below the optimal speed.

How Cruise Control Works

1. Management enters the desired speed profile, which includes the machine's start and run speeds.
2. When the operator starts an order, the machine begins running at the start speed set by management. Cruise Control then increases the machine speed at regular intervals until the desired run speed is reached. The operators are alerted, visually and audibly, before each speed increase.
3. If the operators choose not to run at the speed chosen by management, they activate a speed limit and must enter a cause. They may select a cause from Cruise Control's default list, or they may enter a new one. Cruise Control then displays that a speed limit has been set, along with the cause.
4. Management can view a report showing every shift's setup times, maximum speeds, speed limits, and speed limit causes.

GLUE DETECTION

Finally, a Glue Detection system that works! There is **no special operator setup required** when used with Horizon. The operator simply starts the order and Glue Detection goes to work—reducing rework and scrap boxes.

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| ✓ Economically Priced | ✓ Very Reliable | ✓ Easily suitable for 1 or 2 heads |
| ✓ Low Maintenance | ✓ Simple Installation | ✓ Standard alarming system or upgrade to UV marking |

JAM DETECTION

Our affordable Jam Detection system will keep your flexo running. It knows where *all the sheets should be at all times* and alerts operators as soon as there's a problem, saving good boxes from being wasted.

Automatic Setup: No operator setup is required. It's all done automatically by Horizon when the order is started.

Constant Monitoring & Alerting: Every monitoring point is continually checked to determine how close the sheets are to causing a jam up. In the event of a jam, operators are immediately alerted via the computer screen and speaker system.