

Polaris Junior Applications

Every process line has a need for complex assembly steps, but in most cases, there is a need to simply move parts from point A to B. The Polaris Junior was designed to offer a lower cost platform that can be configured for many of these types of operations. This Machine has been configured for our customers to:

- move assemblies and Printed Circuit Boards into and out of test nests
- Many types of dispensing applications
- Automated Screw driving
- Label placement
- Optical inspection
- Laser height inspection
- Traffic Controls in a complex system

This machine is also designed to be a flexible, reconfigurable cell. The modular concept has served our customers well and because the platform is robust, it can be used for many different applications. So if you want to protect your automation investment, the Polaris line of automation cells is the right choice. As our economy continues to wain, Universal's Polaris customers have been able to perpetuate their automation strategies without going back to the bank!

If you have any questions about these applications, or the Polaris Automation solutions, Please contact your Local sales representative.

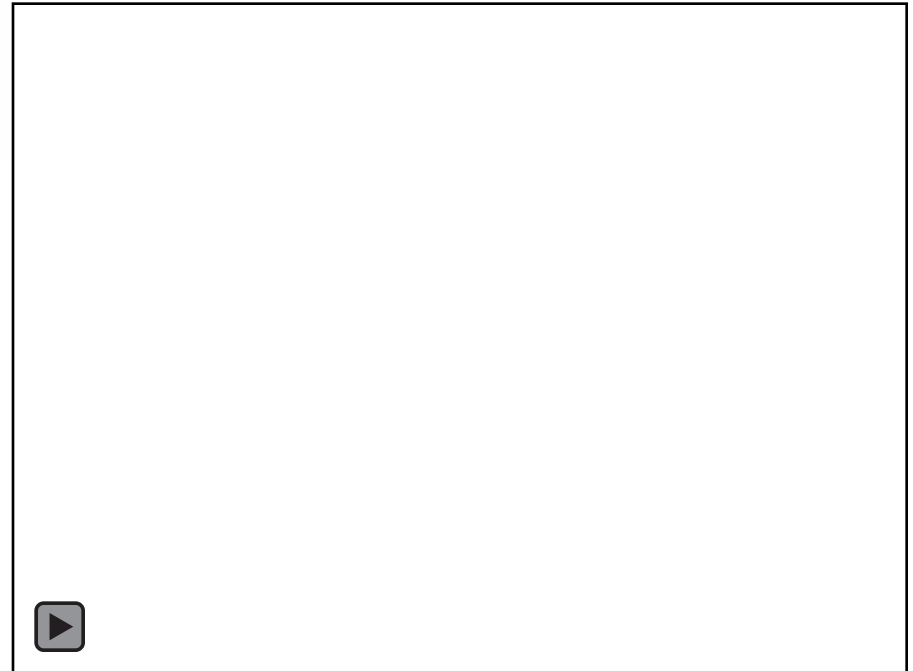
POLARIS[™]
Junior



Polaris Junior – Test Handling

Customer Process

- This machine is a 1500mm Polaris Junior
- The machine is configured with a Pneumatic theta and a servo “Z”.
- The machine is responsible for loading and unloading the test heads, and reporting the results to a host system
- The test heads were produced by a third party and integrated by Universal
- Takt time is 2 seconds + test

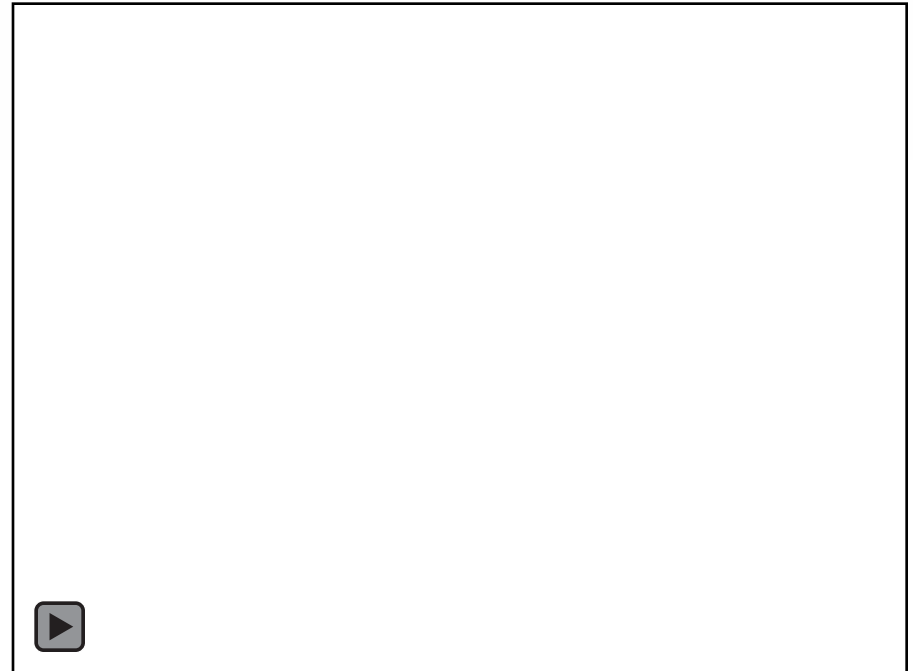


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Test Handling (High Precision)

Customer Process

- This machine is a 1000mm Polaris Junior
- The machine is configured with a Pneumatic theta and a servo "Z".
- The test heads were produced by a third party and integrated by Universal
- The machine is responsible for loading and unloading the test heads, and reporting the results to a host system
- There are 10 Axis controlled in this Test handler and vision correction before probe contact
- Takt time is 2 seconds + test

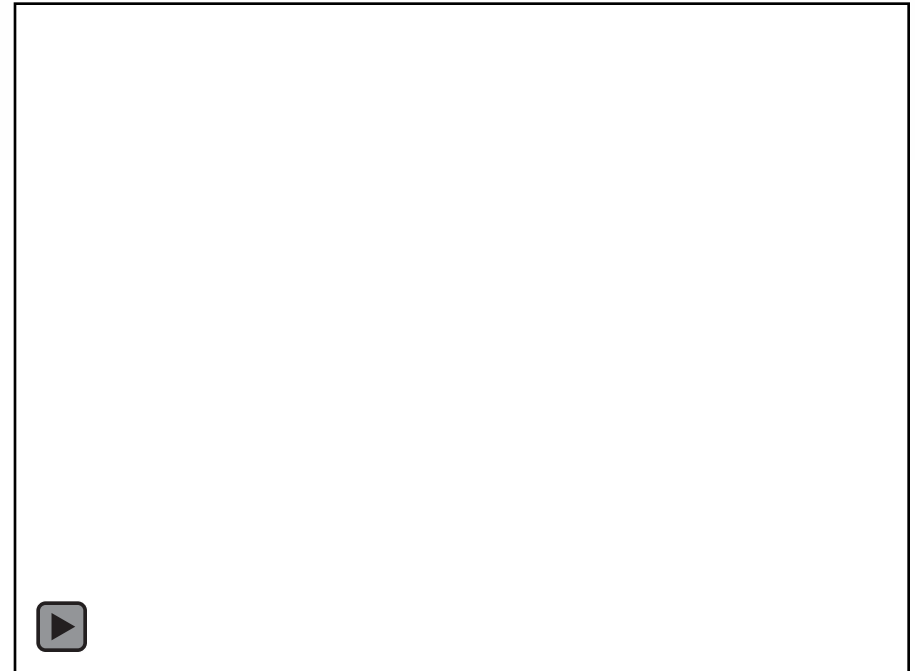


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Polaris Junior Test & Traffic Control

Customer Process

- 1500mm Polaris Junior configured with a pneumatic theta and a servo "Z"
- The test heads were produced by a third party and integrated by Universal
- The pallets are transferred to the available test spur. The third party conveyor lifts and transfers the pallet off the main conveyor for testing.
- The machine is responsible for loading and unloading the test heads and reporting the results to a host system



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