

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.

POLARISTM
Junior



Polaris Junior – Potting

Customer Process

- This machine is a 1000mm Polaris Junior
- The machine is configured with static tube mixing valve from Fluid Research Corp
- The machine is also configured with a needle calibration station and a Magstar conveyor
- Takt time is 15 seconds, including a custom move for the fluid fill rate



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Polaris Junior – Gang Dispense

Customer Process

- This machine is a 1000mm Polaris Junior
- The machine is configured with 4 EFD dispense heads
- The machine is also configured with a dual lane transfer system
- Takt time is 12 seconds for sixteen assemblies



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