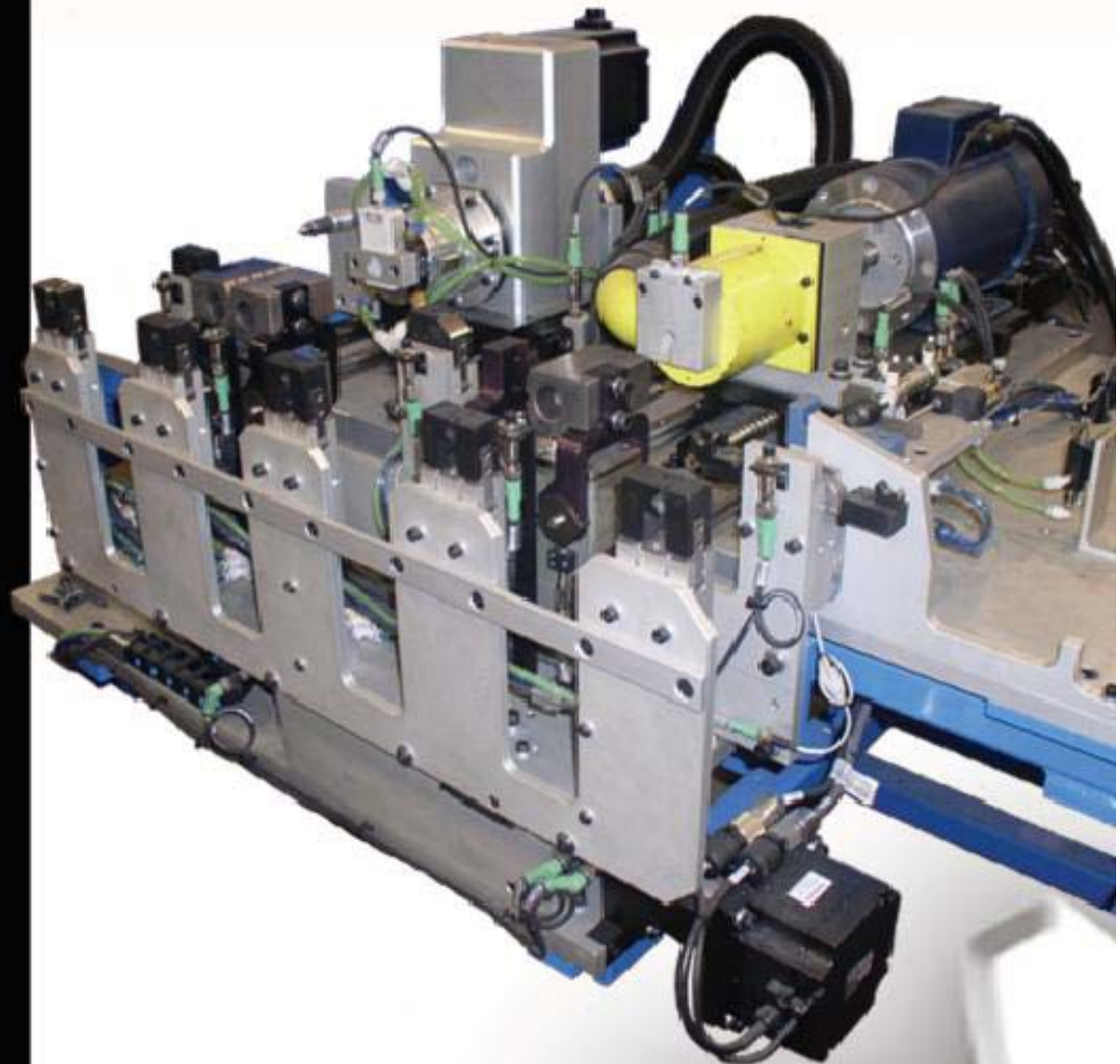




# Automated Machining



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The design and manufacture of customized machine tools requires specialized skills with a focus on rigidity and precision. At Eclipse Automation we have the experience needed to provide reliable, high speed machining equipment.

Whether your application requires a flexible CNC controlled multi station machine or a more dedicated high volume cell we can provide a robust, cost effective solution. Our years of practical experience ensure that we build in methods for part seating verification, chip evacuation and coolant control.

Machine structures are designed using 3 dimensional design tools and Finite Element Analysis (FEA) that allow us to predict stresses and harmonics that will negatively affect the machining process.

Our relationships with local universities have allowed us to develop leading edge machining technologies and perform proof of concept analysis prior to final machine, fixture or tooling designs being completed.

Personnel safety is considered at every step. All of our machines are built in accordance with CSA and OHSAs standards and feature fully interlocked guarding that provides "dry floor" operation.

- Specialty CNC & Conventional Machine Tools
- Deep Hole Drilling
- Cross Hole Drilling
- Secondary Operation Machines
- Multi Axis Machining
- 5 Axis Machining Heads
- Robotic Deburring
- Machine Fixturing

