



Spincraft – Specialized Machining Cell

PROJECT:

Relocating a specialized machining cell from Ohio to Wisconsin

CUSTOMER:

Spincraft: New Berlin, Wisconsin
 Spincraft is a key fabrication supplier to the aerospace, aviation, defense and energy industries, delivering integrated, single-source manufacturing solutions for complex fabrications and assemblies. The company offers capabilities for metal spin forming, heat-treating, machining and welding for virtually all workable metal alloys.

OVERVIEW:

Team Machine Tools provides integrated full service to Spincraft. Having previously retrofitted and relocated several machines for them, Team was now asked to move a specialized machining cell from Ohio to their plant in New Berlin, Wisconsin. The CNC

machining cell consisted of two Berthiez VTL's and a Forrest Line machining center utilizing 9 pallets and a motorized set-up station. Between the two VTL's was a CNC-programmed rail-guided vehicle that shuttled the pallets within the cell.

PROJECT MILESTONES:

Team Machine dismantled and removed the machining cell from its original location and handled all logistics (rigging, packaging, etc.) to move it to the plant in Wisconsin.

Since the new plant had a different layout, the machining cell had to be re-configured from the way it was designed by the OEM. This also involved developing a new foundation for the cell, which Team helped Spincraft to modify.

The VTL's, machining center, storage locations and the set-up station were all re-arranged to fit the new layout.

Once the machining cell was installed, Team re-calibrated, re-wired and re-programmed the cell; including programming the new coordinates into the rail-guided vehicles. Team Machine then provided training to Spincraft employees on basic operation of the cell.

PROJECT OUTCOME:

Team Machine successfully moved and reconfigured the machining cell to fit the different layout at the factory in Wisconsin. The installation was a very specialized project due to the cell's modifications. This had Team Machine employees working closely with Spincraft to ensure the project was done to their specifications.

