

**APPLICATION:**

Multi axis machining system utilizing the latest motion control technologies for high speed precision machine. The system incorporates 4 machining axes and a 4 axis material handling gantry system.

**Automation System:**

Siemens S7 317-2F PN/DP failsafe PLC  
Siemens ET200M I/O  
Siemens ET200S I/O  
Siemens MP277 Mobile Panel  
Siemens PN-PN coupler

**Motion Control & Drives:**

Sinamics S120 Drives  
Sinamics CCU320 motion controller  
Sinamics G120 Variable Frequency Drives

**Other:**

Control Gage unit  
Keyence Lasers  
Balluff LVDT  
SMC LVDT

**Communication:**

Profibus  
Profinet  
Ethernet

**SERVICES:**

Electrical design  
Pneumatic design  
Lubrication design  
Coolant design  
Software design  
System Integration &  
Field Commissioning  
Production Support  
Final Documentation  
Training

