

Two Pallet Horizontal Machining Center



12K CAT50 Spindle
60ATC
Shower Coolant
Thru Spindle Air Blow
Tool Breakage Detection
Thru Spindle Coolant
Hydraulic Fixturing
Renishaw Auto Gauging
.001 Degree Full "B" Axis

Other Options

Mayfran Concept 2000 Chip Conveyor
Chip Blaster 1,000 psi Thru Spindle Coolant
Dimplex Koolant Kooler Unit



Cell Features

1 - MA-600HB Machining Center
Customer Designed:
Hydraulic Fixturing
Automatic Wash Tank
Hydraulic Bushing Press

The process for Stahl Specialty Company centers around the OKUMA MA-600HB horizontal machining center. Parts are loaded onto (2) hydraulically clamped fixtures. Each fixture holds (3) pieces for complete machining. The system is designed to be machining (3) parts while an operator is loading/unloading three parts on the fixture outside of the machine. This turnkey package for Stahl consists of all tooling, programming, and project management to insure that when the machine hits the floor, it is up and running in a minimal amount of time. A cycle time of 3.82 minutes per part was achieved while attaining a 1.33 Cpk on a 30 piece Run-Off