



Aztalan Engineering, Inc.

EQUIPMENT LIST

CNC MILLING

Aztalan Engineering has (4) Fadal 4020 Vertical Machining Centers and (6) Okuma MA-40HA Horizontal Machining Centers equipped with automatic tool changers and chip removal systems. One of the Horizontal Machining Centers is equipped with a 10 pallet Flexible Manufacturing System. This system allows for different parts to be scheduled to run on the machine back-to-back with virtually no set-up or changeover time required. The machinist can then perform other tasks, such as gauging or deburring, without interrupting production. This allows the machinist to run a second machine, greatly increasing efficiencies while reducing set-up costs.

10 MACHINES

(5) – Okuma MA-40HA. 4-Axis Horizontal Milling Centers

- Cat 40 taper, 400mm pallet, 15,000 RPM spindle
- Pallet changer
- 1,000 psi through the tool Chip Blaster coolant system on one machine
- 250 psi through the tool coolant on 4 machines
- Tool storage from 60 tools to 200 tools
- Part probing on one machine

(1) – Okuma MA-40HA. 4-Axis Horizontal Machining Center with Fastems FMS System

- Cat 40 taper, 400mm pallet, 15,000 RPM spindle
- 100 tool magazine
- 1,000 psi through the tool Chip Blaster coolant system
- 12 pallet storage, load/unload crane, routing controller

(4) – Fadal 4020 Vertical Machining Centers

- Cat 40 taper, 20 x 40 x 16 work envelope
- 10,000 RPM spindle
- Pallet changer on three machines