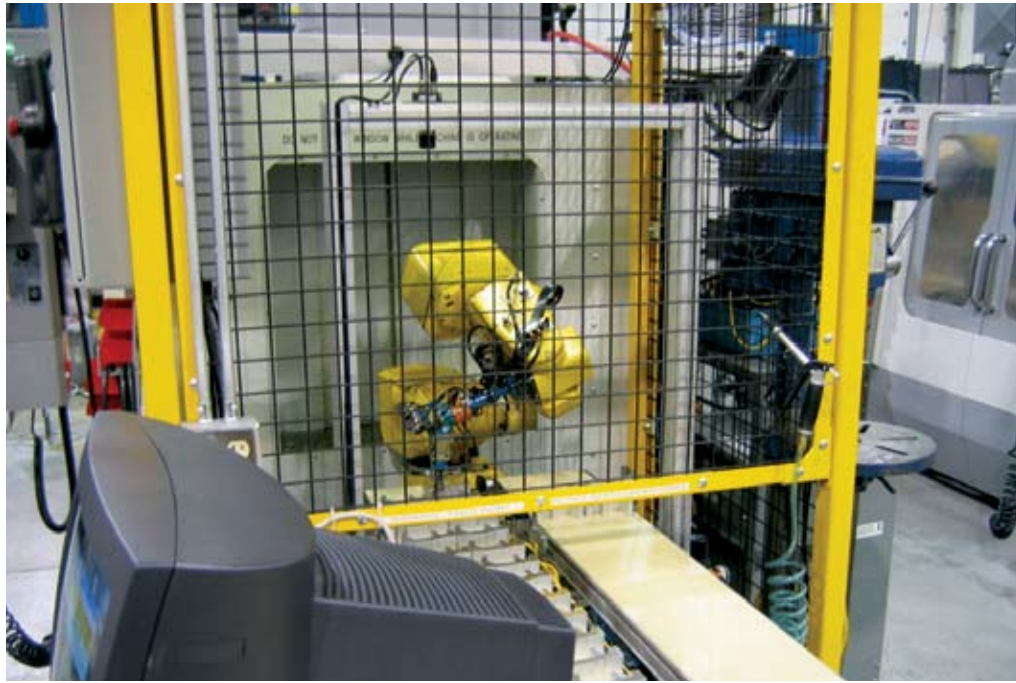




Aluminum Extrusion Processing



Productivity Inc.®



Challenge:

A regional aluminum extruding company was trying to lower the cost of value-added secondary operations.

Short cycle time, small lot production, and flexible part processing was required.

Product(s) Used:

- FANUC LR Mate 200iB Six-axis Robot
- FANUC V500iA 2D Vision System
- Haas VF-2SS VMC
- Simple in-feed conveyor system

Solution:

The system that we provided to this manufacturer allows flexible operation and the ability to easily add new parts to this system. The vision system, placed over the in-feed conveyor, allows many different parts to be processed without the need for special escapements or part positioning hardware. A rotary, trunnion-style fixture with high precision receivers allows quick change over, and the ability to process multiple part faces in one clamping.

Authorized
Robotic
Integrator

