



Things to Consider when Thinking about Automation

What are your challenges, goals, and vision?

What is your current production requirements and how it might change in the future?

How do you process parts now and how might that change?

What new business are you planning to win in the future?

Are you using automation now?

What is the takt time and production volume required?

How will parts flow in and out of the system?

Will parts be removed and added back into the system?

What type of dunnage will be used?

How long will the cell run without an operator?

What floor space is available in the plant?

Will Makino be providing the process turnkey or will the customer's machining process be used?

Will castings or premachined parts be provided to the cell?

What is the part mass?

What auxiliary processes need to be included (part washing, CMM inspection, laser marking, etc.)?

Will part tracking and data collection be required?

What is the part inspection/gauging requirements for the production parts?