

Robotic System Questionnaire



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|----------------------|--|
| Company: | |
| Contact Name: | |
| Address: | |
| Phone Number: | |
| Email: | |

| | | |
|--|---|--|
| Application: | | |
| <input type="checkbox"/> Material Handling | <input type="checkbox"/> Welding | <input type="checkbox"/> Palletizing |
| <input type="checkbox"/> Machine Tending | <input type="checkbox"/> Cutting/Grinding | <input type="checkbox"/> Press Tending |
| <input type="checkbox"/> Other _____ | | |

Production Requirement: Cycle Time _____ Seconds per cycle _____

OR

Parts per Shift _____ Hrs. per Shift _____ Shifts per Day _____ Days per Year _____

| | |
|---|--|
| Number of unique part models? | |
| Part Material and Weights? | |
| Are parts dry, clean, or oily? | |
| Any special considerations or precautions for handling parts? (Class A surfaces, Etc.) | |
| Are drawings/models of parts available? | |
| Collaborative Robot or Standard Robot with guarding? (Collaborative 10Kg max payload) | |
| Is Customer Preferred equipment Spec available? | |
| Existing Customer Equipment to be utilized? | |
| Customer equipment communication protocol? (Discrete I/O/Ethernet IP/Profinet. Etc.) | |
| Pictures/Videos available of current process? | |
| Desired Number of Operators to run cell? | |
| Is Unattended Runtime a goal? | |
| Desired unattended runtime? (Hours) | |
| Preferred method of getting parts into cell (Pallet/Conveyor/Operator load to fixture Etc.) | |
| Preferred method of getting parts out of cell? (Drop on Pallet/Conveyor/Gravity Chute/Robot drop to fixture/Customer packaging. Etc.) | |
| Vision applications: Are parts available to be sent to Nachi for vision testing? | |
| Do parts need to be tracked in cell with barcode scanners or marked with date stamp or logos? | |