

General Machine Build Questionnaire for Quote

1. Customer Name _____
2. Date _____
3. Part Number _____
4. Part Drawing _____
5. What is exact purpose or function of machine? _____

6. Marked Print _____
7. How many machines? _____
8. What production rate is required? _____
9. Are detailed drawings required? If so, any specific CAD style? _____

10. What size or footprint constraints? _____
11. Type and size of material for construction _____

12. What color paint? _____
13. Leveling feet/floor mounts _____
14. Work height of table _____
15. Casters required; size _____
16. Coolant pump _____
17. Manifold _____
18. Level on/off switch _____
19. Black oxide or other coating desired on tooling _____
20. What voltage? _____
21. Transformer requirements _____
Will any other machine or components be ran through this machine? If so, location(s): _____

22. Pack out box size _____
23. What brand PLC, if needed _____
24. What brand pneumatics, if needed _____
25. What brand hydraulics, if needed _____
26. PNP or NPN wiring _____

27. What brand power clamping if needed _____
 Hydraulic _____
 Pneumatic _____
28. Will machine interface with any other machine? _____
 If so, describe _____

29. What utilities already exist? (Ex: Fixture for CNC mill, has power source for hydraulic clamping, air and coolant) _____

30. Sequence/description of process flow in automatic mode _____

31. Are manual capabilities required? _____
32. Are conveyors to be included? _____
33. What electrical safety components are needed? _____
 Automatic inside closed system _____
 Light curtain _____
 Two hand controls _____
 Other _____
34. Any special components/locations? _____
 Camera-vision _____
 Probes _____
 Proxes-beams _____
 Bar code reader with scanner _____
 Paint dot sensor for check _____
 Red Lion _____
 Scale _____
 Label bins with sensors _____
 Cup holder _____
 Pen holder _____
 SOP holder _____
 Scan information _____

Destination _____ Quantity _____

Scan holder _____

Scanner holder _____

Overhead light (24"/48"), switch, plugs _____

Reject chute _____

Shut off valve _____

Sequenced door locks _____

35. Any status or warning lights/alarms _____

Brand/part number _____

36. What requirements exist for run off and machine acceptance at ETM and customer's facility? _____

37. Description of work to be performed in detail _____

Electrical _____

Mechanical _____

Pneumatic/hydraulic _____

38. Expected order date _____

39. Delivery date _____

40. Time frame availability of when work can be performed at customer's facility- Week days, nights, weekends _____

41. If upgrading an existing machine, type of PLC or CPU. Number of input/outputs for use in this application _____

42. Additional information or comments _____

