Design and Build

- High Speed Inspection and Assembly equipment
- HMI and SPC reporting
- In-line, indexing and rotary machines
- Fully integrated controls/panels
- Exact & reliable inspection

In-House Technical Services

- Mechanical and Electrical Design and Progamming
- Solidworks & Inventor
- Project Management System
- Field Technical Service

Typical Machine Functions

- Resistance, Ultrasonic and Thermal welding
- Optical Inspection and Statistical Control
- Sorting, component transfer & precise assembly, placement, insertion
- Work cell interfacing
- Barcode reading and labeling

Tessy
AUTOMATION

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Tessy
AUTOMATION

8 WAYS

To Make Your Nutec Automation Project Successful

8 Ways to Make your NuTec Automation Project Successful

1 DEFINE YOUR AUTOMATION SPECIFICATIONS

When you define your performance specifications for Automation equipment thoroughly, you'll force yourself to review processes, available space, budget, manpower, desired machine rates, product designs, etc. With a complete picture of your expectations, Tessy Automation can help make your automation process a reality.

2 REVIEW YOUR PRODUCT DESIGN FOR AUTOMATION

Get Tessy Automation involved in the product design early, to save yourself a lot of grief if you intend to automate. We frequently can identify subtle product design changes which will simplify your project, and increase automation reliability. Remember, consistent components are the key to automation so make sure your product is always within tolerance.

3 REVIEW THE "ECONOMICS" WHAT CAN YOU AFFORD TO DO?

Tessy Automation can provide you with choices of various levels of automation to meet almost any budget. Your careful analysis of "Investment" and "Payback" however, is vital at the very early stages of exploration, so that you don't waste time and money chasing the impossible.

4 TALK IT OVER WITH PRODUCTION

What do the operators and the production managers want? What resources do the plant personnel have to install, service and maintain the equipment? Because all automation projects end up changing something in your plant, "early buy-in" will go far-towards acceptance of your project. Tessy Automation can help by "sitting in" on those discussions, so that everybody feels a part of the automation process.

5 "TEAM UP" WITH US

Actually, the more information you provide us, the higher your chances will be for a successful project. Once we start on your job, you'll be assigned your own Project Manager, who'll provide you with bi-weekly progress reports, and facilitate any changes you care to make along the way. Confidentiality is very important to Tessy Automation, and we can even provide a secure assembly area for your project.

6 BE SPECIFIC IN YOUR QUOTATION DEMANDS

Outline every performance spec you think practical... Cycle time, 100% inspection, Touch screen controls, Statistical reporting, etc., and then identify those specs you could "give up" to improve the economics. If we know your "wish list", we can frequently add inexpensive features early on which will provide added performance to the equipment.

7 MAKE SURE YOUR DRAWINGS AND SAMPLE PARTS ARE THE LATEST VERSION

Deciding whether a particular style of feeder can handle your parts, or whether the samples drift in tolerance and vary from the print, requires an adequate amount of parts for evaluation. Make sure the parts you send are the ones you want to automate ... and talk over proposed product changes with us before you make them final. You can save a lot of time and money by doing so.

8 BE OPEN MINDED TO DIFFERENT AUTOMATION SOLUTIONS

Many automation suppliers only offer one type of automation ... rotary synchronous systems, for example. Don't be surprised if Tessy Automation suggests a different concept for your project. We are only interested in designing the best system for your special application, and the system we propose is usually based upon successful, proven experience we've had with applications somewhat similar to yours.