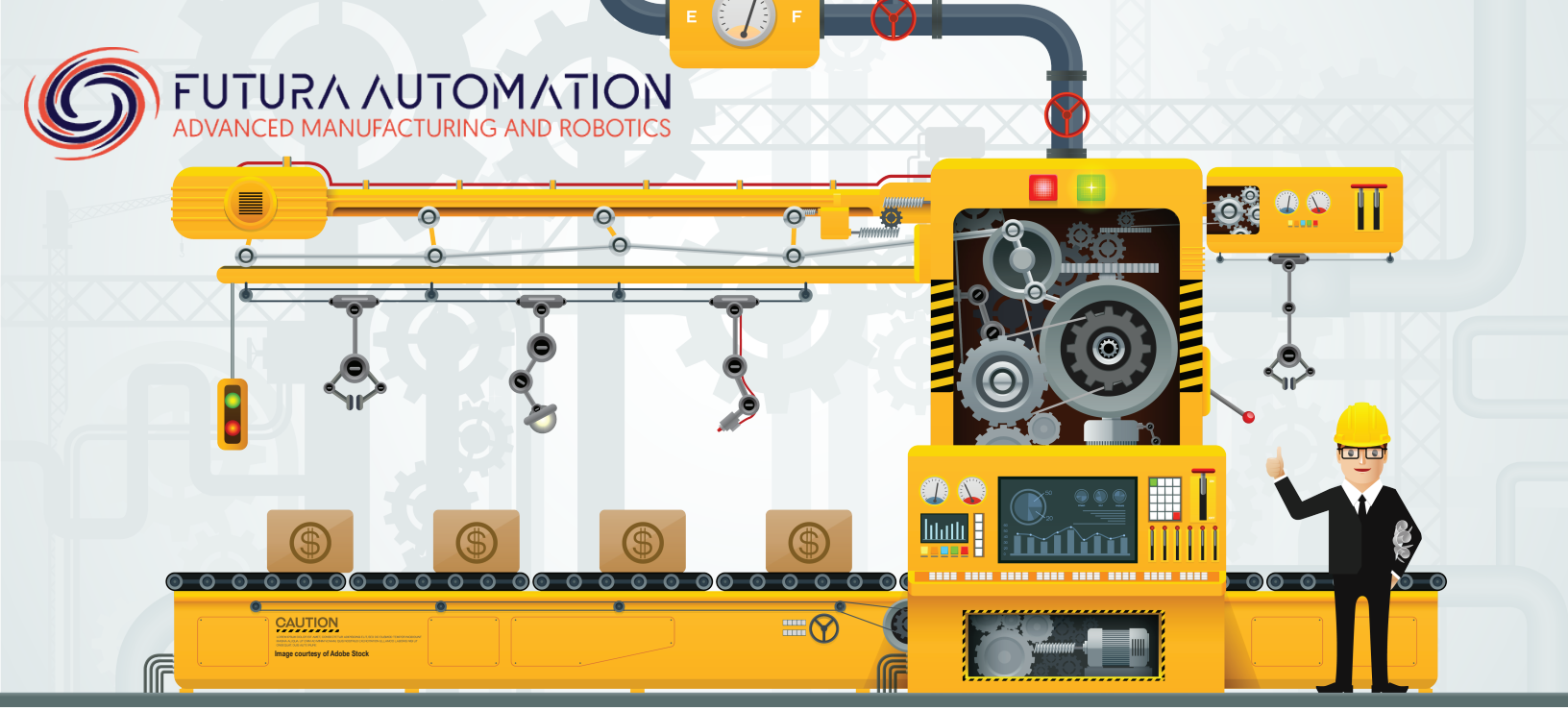
FUTURA AUTOMATION
ADVANCED MANUFACTURING AND ROBOTICS



LEAN Manufacturing - a brief overview from **Futura Automation**

WHAT IS LEAN: LEAN could be an acronym, but it is not. Lean describes the set of manufacturing "tools" and processes that assist in the identification and steady elimination of waste. As manufacturing waste is eliminated, quality improves while production time and cost are reduced. There are many tools - a few of which are:

This list courtesy of Wikipedia

- **SMED**
- **Value Stream Mapping**
- **Five S**
- **Kanban (pull systems)**
- **Poka-yoke (error proofing)**
- **TPM - Total Productive Maintenance**
- **Elimination of time batching**
- **Mixed Model Processing**
- **Rank order clustering**
- **Single Point Scheduling**
- **Redesigning Working Cells**
- **Multi-process handling and control charts**

SMART WORKSTATIONS:

Futura Automation and Tulip features the Smart Station: **click here for the video**

More efficient workspace means more efficient teams. With the Smart Workstations, your team can apply lean philosophy with ergonomics to do more, faster and better.

- **Customizable**
- **All workstations are built to order; customize it to fit your needs**
- **Ready to deploy**
- **Workstation comes ready to use out of the box**
- **IoT enabled**

The workstation is configured with the computing, networking, code reading and sensors you need to track production steps, ensure quality and start enabling IoT on your shop floor.

Futura Automation's primary mandate and mission is to help our customers achieve LEAN, to whatever degree they require.

Call Today, we'll simplify your project!

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