

All your questions answered on how to increase Production Efficiency

INTRODUCING

KVAR Production Genie

The unique monitoring system that helps increase production efficiency and promotes Lean Management.

What is a Production Genie?

It is a system devised to provide actual, reliable and actionable information in real time.

Why should one have a Production Genie?

- The information the Genie delivers helps in facilitating quick decision-making
- It enables the Management to take corrective action in real time
- No time is lost in transmitting information

Where can Production Genie be used?

- Production Genie can be used in a Manufacturing facility where production is in batches
- It can also be used in Process industry
- Production Genie system can be used in warehouses stocking whole sale products as well

When can Production Genie be installed ?

- Production Genie be installed anytime as a stand- alone system
- It can also be integrated with the existing ERP in use at the facility

Who can operate it?

- The system is independent and once installed it does not need human intervention

What is the need for Production Genie?

- Lean Manufacturing is the need of the hour
- Enables Decision making in real time resulting in enhancing efficiency, productivity and effectiveness
- Communication of Data
- Analytics

How is this achieved?

- Production Counter - Keeps track of production information such as total production, rejections, efficiency on an time-wise, day-wise, shift-wise basis
- Andon Display - Highlights the problems/break-downs/idle-time/maintenance requirements on the Production Floor with timely alerts
- ERP/SAP - Data generated helps to bridge the gap between Production Floor Data and Data required by ERP without any need for manual intervention

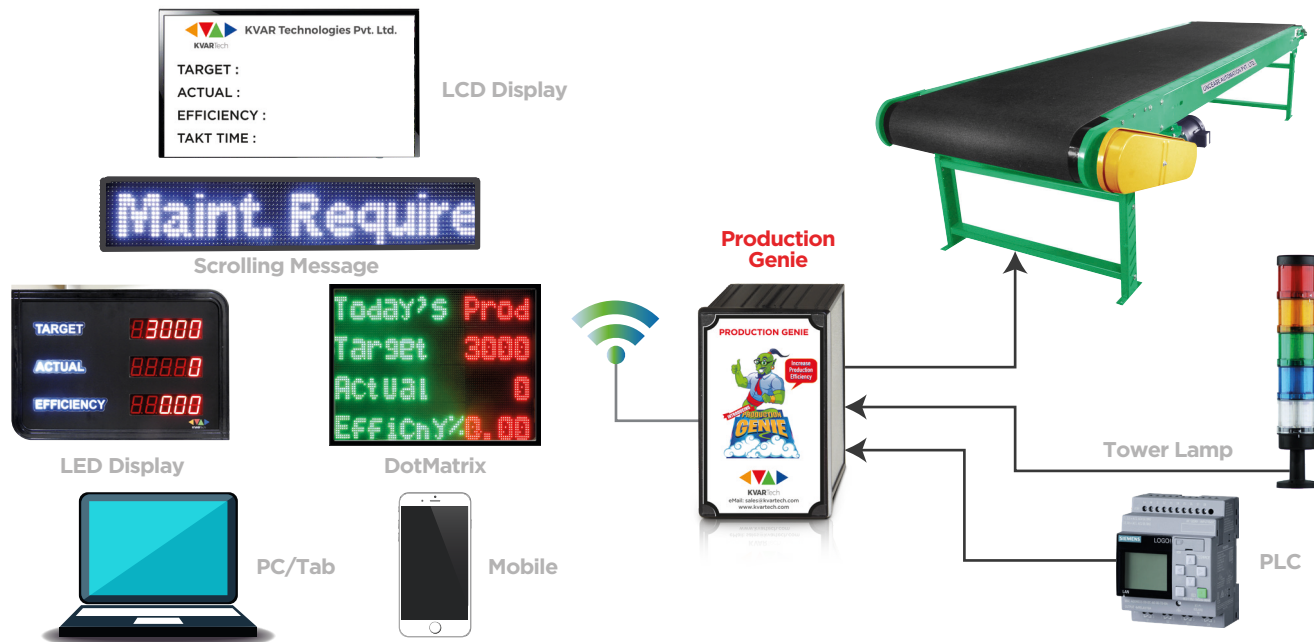


KVAR Production Genie - Salient Features

Production Genie is a standalone unit which does line monitoring and connects to PC and Displays to give information about the line status and relevant data. The data can be viewed from cloud as well as can be seen in a browser without any requirement of Software. It can also provide this data to PC for further analysis or for ERP/SAP applications.

Specifications

- Optional Local LCD / LED display
- Inputs 8 numbers expandable to 16 numbers
- Two counters per unit other event inputs
- WiFi / Ethernet TCP/IP Interface for programming / configuration
- Internal back up to retain count
- Shift Timings programmable
- SD Card storage for Events as well as periodic counts
- Configurable batch counting
- RS485 / Ethernet TCP/IP interface for data connectivity to PC
- Cloud connectivity
- Web browser based operation. No need for Software
- Data available in CSV format
- Periodic email to configured mail IDs
- Wide range of reports with options to configure
- Wide range of parameters monitored like
 - Good count
 - Reject count
 - Shift count
 - Batch count
 - Daily / Hourly / Weekly production
 - Efficiency
 - Quality throughput
 - Rejection Ratio
 - OEE
 - Takt time
 - Production rate... Etc.
- Online display options
 - Numeric fixed display
 - Dot Matrix configurable display
 - LCD Monitors
 - Scrolling message displays



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