

HMON Hosiery Monitoring

Broad Overview



Matrix Controls' Hosiery Monitoring System (HMON) provides a Real-Time Display (**RTDISP**) of the status of each hosiery machine on the shop floor. **HMON** allows single location control of the entire hosiery plant, enabling the supervisor to monitor production, defect data and total floor efficiency, while allowing management to visualize detailed reports of machinery and operators.

With minimization of production waste, quality understanding of defect types and finer control of order output, organization is taken to a new level. Return on investment is therefore rapid, and annual profits will

impressively rise. Individual machine HMON-LCD assemblies will be referred to as **HMONs** and in total will provide the following functions:

Targeted Overview: HMON

- ⇒ Total Piece Production Monitoring
- ⇒ Defective Piece Production Monitoring
- ⇒ 20 Simply Configured LCD Screen Displays
- ⇒ Up-Keep of System Administration with User Style and Order Additions, Modifications and Tamper Clear-Offs
- ⇒ Optional Automated Scheduling and Preventative Maintenance Software
- ⇒ Engineered for one time set-up per machine via I/O polarity settings, and soft ware and re port writing that can be easily customized
- ⇒ 20 Work Shift Data Storage if PC is Off-Line
- ⇒ Controlled Stop Output Relay (Activated by Host PC or **HMON** on Preset Count)
- ⇒ ALERT Output Relay (For Jam, Service, Slow Production and Tamper Alerts)
- ⇒ Data Can be Uploaded From the **HMONs**, or Configuration Information can be Down loaded to the **HMONs**
- ⇒ Knitting Element Life is Monitored by Revolutions, to Assist in Preventative Maintenance Scheduling

Technical Features: HMON

- Available RS-485 Communication Port for Relay with a Host Computer
- Powered by Single 24-VAC HMON (247 HMON Units), with Optional Battery Pack Supply for Mission Critical Operations
- Easy to Use 4-Soft Pad Keying-In with 20 Screen Real-Time Display
- Auto-Detected Idle Time Via Run Signal of More than Standard Machine Time +50%