



F-2000FB – Flat Bed Machine Monitoring

Broad Overview



**F-2000FB Flat Machine
Controller/Monitor**

The Central Monitoring System of the F-2000FB allows the mill supervisor to view vital flat-machine plant floor operations from a single centrally located PC screen. Management can see **machine efficiencies, track order production**, and see **preventive maintenance (P.M.) alerts**. **Operator tracking** is performed, as knitters and mechanics log on and off. **Pre-set inspection alerts** result from a programmable inspection cycle providing essential quality control, while **essential shift and piece data are stored** in real and historical time. **Continuous Yarn Rate Monitoring** provides consistent quality, while eliminating waste associated with under/over feeds.

Maximization of machine run-time is achieved, as **reductions in downtime** provide for rapid returns on your investment. Annual profits rise, as **shift and piece data are analyzed**, reasons for **stops are recorded** automatically, as well as manually entered reasons (**declarations**) for machine stoppages. F-2000FB displays on every machine, allow operators and **mechanics to repair faster**, less often, and **ensure machines are running at top speeds**, with **little shift idle time**. The F-2000FB allows for efficient control and confident supervisory monitoring, that **continually adds to your bottom line**.

Targeted Overview

Flat-Machine Monitoring Functionality Includes:

Potential Savings/Profit

- Consistent Quality with Yarn Rate Monitoring
- Eliminates Waste of Under/Overfeeding
- Minimizes Idle Time
- Ensures Top Speed Run-Time
- Major Downtime Reductions
- Minimizes Machine Repairs (Automated P.M.)
- Minimizes Machine Repairs (Air Purge/Oil Alert)
- Improved Quality (Inspection Cycle Alert)
- ↑ Speed of Repair (Stop Reason Displayed)
- ↑ Knitter/Mechanic Efficiency/Response Time
- Monitors Operator Performance (Efficiencies Recorded/Reviewed)
- Controls Production: On-Time Product Delivery

Security

- Access Code Security
- Optional Key Lock Set-Up Security

Automatic and Manual Declarations

- Automatically Records: **Top Stops**
Side Stops
Needle Stops
- Ability to Manually Enter Stop Reason Codes (Declarations)

Piece Data Stored

- Piece Date, Shift ID, Piece Number
- Total Strokes, Total / Defective Units

Shift Data

- Shift Date, Shift ID, Shift Efficiency
- Total Units, Total Strokes
- Top Stops, Needle Stops, Side Stops
- Operator Stops, Missed Inspections
- Manual Declaration Codes