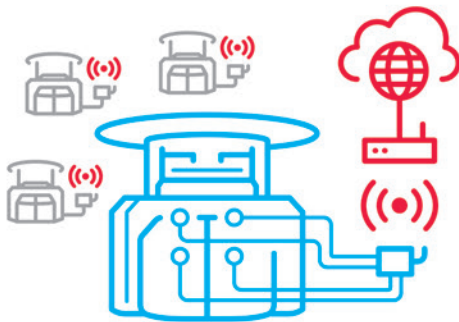




KnitNet™

Real-time Monitoring for Knitting Factories



Smart Monitoring for Smarter Knitting

Bring intelligence to your knitting floor.

Each machine is equipped with a **smart monitoring unit** that connects to the factory's Wi-Fi and securely transmits production data to the **cloud**.

The **KnitNet platform** transforms this data into **clear, actionable insights** — helping managers improve efficiency, minimize downtime, and optimize every machine in real time.



Installs easily on
any circular
knitting machine



Web-based,
user-friendly
interface



Full online access
via smartphone,
tablet, laptop, or PC



Secure
connection and
remote monitoring

Monitoring Features

- ✓ Real-time status updates of all knitting machines
- ✓ Detailed event logs per machine
- ✓ Comprehensive production and performance statistics
- ✓ Automated reports at flexible time intervals
- ✓ Operator performance reports using RFID cards
- ✓ Optional **KnitLocal** module for offline operation (no Internet required)
- ✓ Full traceability for each fabric roll from knitting to finishing with **unique QR code labels ***

* required KnitID solution (Printer, Special label, Heat Press Device)

Production Efficiency

- ✓ Complete **daily efficiency reports** for both machines and operators (by shift)
- ✓ Detailed **yarn consumption** and **fabric production tracking** ⁽¹⁾
- ✓ Monitor **average speed, working, idle, and stop times**
- ✓ Analyze performance metrics: **weight, power usage, temperature**, and more
- ✓ Simplify maintenance by recording all services (needle changes, cleaning, oiling, etc.)
- ✓ Receive smart **alert reminders** based on time, weight, or production volume
- ✓ Integrated **automatic fabric grading system** ⁽²⁾

Requirements

1. Requires **Joula KnitFeed (YLM)**
2. Requires **Joula KnitVision**



Real-time Monitoring & Complete Traceability



“Join the new generation of smart knitting technology with Joula”



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