



The Manufacturing Execution System

GreyconMill™ is the leading manufacturing execution system designed by Greycon. Easily adaptable for roll-based and flat sheet production in the Plastic Films, Metals, Paper and Board industries, GreyconMill allows you to optimally plan, execute and control production whilst providing full traceability.

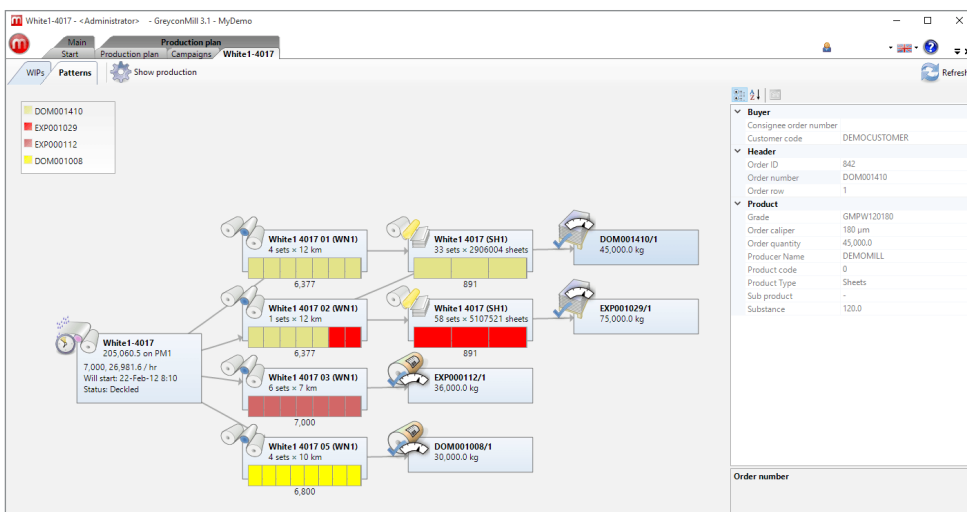
Using state-of-the-art technology and a modern user interface. GreyconMill seamlessly integrates into your business, whether it's your machines on the shop floor, planning system or Enterprise Resource Planning (ERP). GreyconMill works with your original equipment to maximise your production output.

Greycon's consultants will take care of the whole process, working with you to configure the systems from the initial testing phase through to implementation and aftercare. Greycon will provide the support you need whether it's remotely or on-site in every corner of the world.

Key Features and Benefits

- Bi-directional link between planning and execution
- Faster response to 'off-plan' activities and changing customer needs
- Evaluates quality against profiles, tracks defects and automatically classifies material, with full traceability and genealogy
- Allows one-click generation of quality certificates and powerful reporting for quality analysis
- Increases visibility into plant capacity and inventory and shortens lead times
- Integrates with process machinery and minimises keyboard input
- Monitors business performance metrics across all shop floor functions
- Available for mobile clients
- Utilises a customised work-flow with access control
- Overall Equipment Efficiency (OEE)
- Employs real time monitoring and Business Intelligence (BI)
- Designed for the reel and sheet production, resulting in shorter implementation times and lower costs on deployment and upgrades
- Engineered for 24x7 reliability
- Integrates bi-directionally and inter-operationally with Enterprise Resource Planning (ERP) Planning, Laboratory systems and Machinery

Maximise productivity	90%
Setup cost reduction	15%
Inventory reduction	15-35%



Production Tracking

- Keeps track of real-time production on each station
- Allows modelling on any converting operation with minimal changes, this gives flexibility during implementation

Genealogy

- Traces each product and individual packages, displaying its quality and full history

Quality Management

- Reviews quality of jumbos produced in a graphical interface
- Downgrades/scraps products that do not fulfil quality standards

Labels

- Designated barcode support
- Programmable jumbo and reel numbering
- Customises labels to fulfil different customer needs

Raw Materials and Recipes

- Ability to assign multiple bills of material for each operation
- Records and reports on material consumption

System Availability

- Encompasses 24x7 availability
- Coordinates the server running across multiple sites simultaneously providing redundancy
- Grants connection to any server at any time and clients can keep working even if a server goes down

OEE – Overall Equipment Effectiveness

- Monitor OEE for one or more machines (production line)
- Obtain full awareness of the issues impeding your productivity realtime
- Visualise and communicate the shop floor performance in simple terms to everyone

Internationalisation

- Customisable units of measure
- Provides multiple language options, including Far Eastern character sets
- Complete support for Windows' Regional Settings

SPC – Statistical Process Control

- Reduce scrap, rework and warranty reacting to issues when sooner than later post production
- Detect, display and react to unusual process variations before defects are created
- Reduce quality control costs, spending less time on identifying and fixing defects

Integration

- Fully integrated with Greycon's opt-Studio and X-Trim
- Integrates with ERP, Warehousing, Lab and Planning Systems
- Assimilates with machines on the floor. GreyconMill supports OPC, RS232, ODBC, TCP. New protocols can be written easily, mapping to an internal standard interface
- Integrates with OSIsoft PI Profile

Reporting

- Programmable reports with Crystal Reports or SQL Server Reporting services that can be exported in various formats (Word, Excel, HTML, PDF, etc.)
- Imports/exports all grids from/to Excel

User Interface

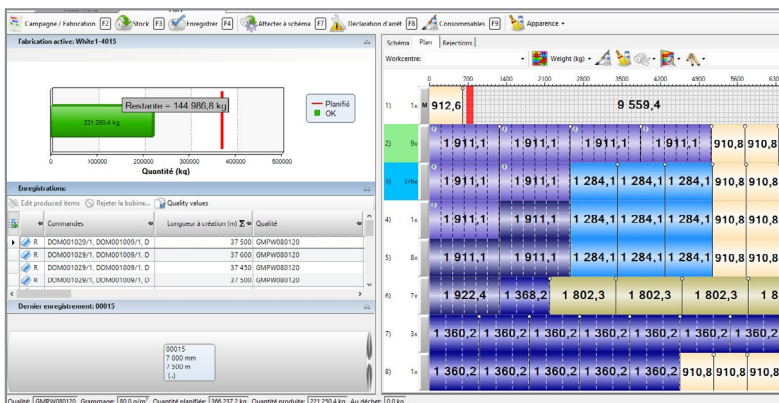
- Customisable terminology and support for multiple languages
- Displays metric, imperial and user definable units of measure
- All settings are user specific, so users can employ different units or languages
- All editors and grids can be configured per user

Platform

- Windows 7-10, Windows Server 2012, 2016 64-bit
- Windows Terminal Server® & Citrix® compatibility
- Microsoft SQL Server database

User Management

- Windows based authentication
- Configurable user permissions controlling access to functionality



Silver
Microsoft
Partner



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