

Company

Fiskeby is one of the leading manufacturers of recycled packaging board. They are an independent company with a manufacturing facility in Norrköping, Sweden. The annual board production capacity is about 162,000 tons and the majority of this production is converted to sheets inside the mill.

- Location: Norrköping, Sweden
- Industry: Packaging Board
- Products and Services: Multiboard
- Annual production: 170,000 tons of board/year, extruder production 13,000 tons/year
- Employees: 290

Objectives

- Implement the full end-to-end system covering all business processes from sales order entry to finished goods despatching
- Optimise the board production, extrusion and sheet cutting schedules
- Minimise trim waste by using optimal cutting plant
- Integrate the MES system with the production process utilising the available data from the workcentre PLCs
- Develop a comprehensive re-trim solution for managing the balance for the rejects and the WIP queues on the finishing department

Implemented Solutions

- GreyconMill: order entry; production (production & converting operations tracking, quality management, re-trim); shipment planning; warehousing; loading/deliveries, including finished goods as outbound deliveries and raw materials as inbound deliveries
- opt-Studio: campaign planning; run planning (including detailed scheduling of all the operations); raw materials replenishment
- X-Trim: run planning / slitting & cutting optimisation
- ERP functions: CRM (Microsoft Dynamics); stock control and purchasing (Idhammar)
- Greycon Integration Points: ERP and process Interfaces including: Board Machine ABB Process Automation, integration to winder, duplex sheet cutter machine logic, simplex sheet cutters of different types, two re-winders, weight scales, reel packing, extruder and sheet packing

Benefits

- Replacement of the old legacy systems
- Dynamic re-trimming allows to react immediately to unexpected changes during the production
- Optimisation of the production from the finishing department
- Waste minimisation

"opt-Studio is giving me a very good overview specially when planning our sheeters. It has given us the possibility to optimise the order sequence on the sheeters which has increased the productivity significantly. You could also estimate the consequences of unplanned stoppages very quickly and the possibility to "filter down" to different properties speed up the search very much."

Anders Thor
Main production planner
Fiskeby