DISKOVER®
SCT SOFTWARE

STATE PORCELAIN MANUFACTORY MEISSEN
Optimisation of the scheduling

- Transparency in the Supply Chain
- Planning with the assistance of the system
- Level of industrial readiness

In the case of Meissen it is for centuries, program – individual products of the highest porcelain quality down to batch size 1. But even an icon like Meissen today, in the global competition and the market demands for shorter delivery times to adjust. In this context, a better sales forecast and a sophisticated production were detected control as key measures. The goal was to speed up the processes and cycle times significantly, as well as the availability for delivery across the Portfolio, to increase the "level of Industry 4.0". Sales and customer satisfaction should be increased and the time should be in the production of tied-up capital for investments released. Through the use of the Software DISKOVER from SCT, great progress has been achieved cycle times and inventory and delivery performance could be increased.

Optimised material flow, run times are reduced

To achieve reasonable cycle times, and times for customers avoid waiting is not easy, because usually, the products from the need Meissen several months to complete. Waiting times for high-value products were once common, is now the 'Buy it now', in a driver. A shorter delivery time is therefore one of the key levers for increased sales potential.

About Meissen

The State Porcelain Manufactory Meissen manufactures handcrafted luxury of the highest quality. Since the founding in 1710 in Dresden has developed the manufactory in over 300 years of Europe's first porcelain manufactory of an international luxury and lifestyle brand, which is even estimated to be in the mother country of China, China. The creations embody a special beauty and sensuality, far beyond purely functional Designs and feeling are the expression of a particular period of life.

- 01662 Meißen, Germany
- Manufacturer of luxury goods
- www.meissen.com

Meissen an order processing system on the Basis of Oracle with individual documentation functions for the established piecework wage as a base. With this System, the sequence organization of the manufacture up to now, very efficient rules.

Meissen however, was not able to make the material flow and to control the associated lead times and stock levels in sync. In addition to the warehouse containing range order are taken into account-related Loose in the production.

To Meissen to increase under the existing circumstances, the readiness for delivery, it would inevitably lead to high inventories of finished products were in stock range and in order to further unwanted capital commitment. It had to be found a solution, the Meissen in all of its individual processes and data-target mapping oriented, optimized, and supported.

Demanding requirements and complexity

Meissen a range of around 50,000 SKUs (Stock Keeping Units / warehouse-containing parts/products), the plan in several stages efficiently and scheduling has. Add to this the complex manufacturing steps. Repeat it, for example, the steps of a "Paint and Burning," according to the product with varying frequency.

A further requirement is the Handling of large batches when Burning, which is a major influence on the running time of each individual product, and a neuralgic point in the manufacturing process.

A solution for Meissen should therefore be able to more intermediate storage levels to handle the production to balance loads better. The manufacturing progress would take over from the incumbent to the Oracle System.

In addition, should be provided in the direction of distribution Interfaces to data from the order system, and in addition to forecasts, sales information in the planning process.

In the ideal case would be Meissen the ability to create specific rules and regulations, and product clusters manufacturing proposals for individual products. With Simulation and optimization of logic, the MRP could stock ducks, ready for delivery and the total cost is better with a view to.

Visible success and goal-oriented level concept

Meissen it succeeded with the introduction of the DISKOVER, the halving time of the internal set-year period in about and stocks were to be reduced in the finished bearing. The readiness for the entire stock range was significantly higher.

The application of the disk over in Step 1 for the in stock items carried established. In this time, the interfaces to the Oracle and order system could be adapted and the processes to be optimized, that real were created between camp levels.

The products with all of your master data and disposition parameters were recorded in the rulebook. This led to Meissen to the desired discharge in the flow of material and reduction of the in-stock products.

> "The introduction of the Software DISKOVER, we were able to cut in half the lead times of our manufactory. It provides us with a set of rules on the industry 4.0 level, we can, our batch size of 1 products with continuously optimized parameters for scheduling."
>
> **Sophia Strathmann**
> Project Manager scheduling optimisation
> Meissen

Order-based production flows

After a stabilization phase was in Step 2, the order-based manufacturing integrated. This single-orders are now controlled more quickly because the flow of material is substantially transparent. Overall, the effort of the Parties has been reduced by the new functionalities.

Conclusion – keep it up!

In a further optimization step in the capacity planning is closely linked with the planning. For unique products qualified subject-painter, for example, is the bottleneck. The balance between the available human resources, and product-related production capacity is to be at the Disposition predictable, to the willingness of a permanent delivery in the case of fluctuating resource availability to make sure.

SCT GmbH Supply Chain Technologies and DISKOVER

Today, companies are not only with their products but also with their Supply Chains in the global competition. The SCT GmbH Supply Chain Technologies with DISKOVER a powerful Supply Chain Planning and APS Software designed to help businesses, their supply chains in an efficient, flexible and future-safe.

DISKOVER, which helps users in their Supply Chain, their management and capacity planning, inventory quickly, well-informed and to optimise sustainable. The Software combines proven methods from the field the most advanced technologies – including elements of Artificial intelligence, about the automated forecasting, optimisation, and dynamic determination of safety stocks.

In cooperation with the Supply Chain expert of Abels & Kemmner we are continuously working on new, comprehensive solutions for your Supply Chain Management success. The result: More transparency, better quality of planning – including S&OP and PP/DS, lower stocks and an agile Supply Chain that delivers real value.

SCT GmbH
Supply Chain Technologies

Kaiserstraße 100
52134 Herzogenrath
Germany

DE: +49 2407 9565-70
E-Mail: info@diskover.de

www.diskover.de

D2024LHE11