



Precision Mechanical Industry

Microsoft® Business Solutions-Navision® helped Precision mechanical manufacturers to optimize its production operation by efficient and effective resource management.

Situation

Industry description:

Precision mechanical industry

Objective:

Precision Mechanical industry involves many precise production operations to make sure the quality of product meet the international standard. Therefore it is necessary to have a systematic and tight control of production process.

The main objective was to leverage the production resources by effective manufacturing planning and control.

The secondary objective was to reduce the cost of materials, labor and overhead during the whole production cycle.

Solution Highlight:

By implementation of Navision, company gets benefit from effective material management with high degree of accuracy and consistency. There is a huge decrease of planning time in order to facilitate the material and production planner to have a better decision making according to the computerized materials plan. Moreover, by integrating the material and capacity resources management, production planner can have an overall resources planning view to facilitate them to easily control production resources and resolve conflict.

Benefits:

Streamline material flow

Save logistics production cost of material.

Better management of resources

Increase transparency of resources arrangement through out the whole supply chain.

Strong visualization of quality management

Detail record and analysis of quality measure during each stage of production, QA department can have further analysis on the quality issues on both process and product.

Flexible upgrades and operational fine-tuning

The company can quickly modify its ERP system to follow changes in production management without having to hire expensive consultants or programmers.

Production BOM

类型	编号	说明	Customer Supplied	Drawing Attached	每单位...	单位代码
物料	A0030-0011-01	FINAL HEAD ASSY			1 PCS	
物料	A0030-0752-01	CARRIAGE ASSY			1 PCS	
物料	B0160-0751-13	MFG.LOGO			1 PCS	
物料	XS270-0007-01-AD	EPOXY, 28SOFT			0.5 GM	
物料	X8520-0015-00-AD	ACCELERATOR, 710 (BOTTLE)			0.78 ML	
物料	X8520-0057-00-AC	ADHESIVE, TAK PAK #12292			0.03 GM	