

## **The Company**

Flexahopper Plastics Ltd.  
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Lethbridge, AB T1H 5J2

Flexahopper Plastics Ltd. is a Plastic products manufacturer using rotational molding process serving agricultural, industrial, fishing, and ecological industries.

## **The Challenge**

Flexahopper has a complex product mix comprising over 600 items and several dozen distributors which makes for a difficult management task in materials planning, BOM maintenance and production scheduling.

Many of the products produced are often changed based on custom ordering. Under their old system, having a non-standard or custom BOM based on a sales order was next to impossible to maintain as it would require creating a new BOM for every custom order. Within their old system, changing a BOM item was very tedious as each BOM would have to be individually changed when a raw material that was common to many BOMs was changed. This led to outdated and inaccurate costing of BOMs and production.

Material planning was a guessing game based on constant physical counts and checks of raw materials. The system in use had no practical or accurate material requirements planning system.

Production scheduling was also a problem as their old system had no facility for estimating production times of product runs.

## **The Strategy**

Flexahopper Plastics Ltd. needed to find a manufacturing control system that would accurately cost their BOMs, make BOM management and customization easier and provide them with both material requirement forecasting and master production scheduling. They needed to find a software system that would integrate with the existing accounting system rather than purchase an entire new ERP system.

MISys Manufacturing for Sage Accpac ERP (MISys SAE) fit the bill:

- It integrated with the existing SAGE Accpac ERP accounting system.
- It allows for easy cost “roll-ups” throughout BOMs when items are replaced or have price changes.
- It allows customization through the use of “Manufacturing Orders” that can customize a BOM based on orders without changing the standard BOM.
- It does an excellent job of materials and purchasing planning based on unlimited customizable criteria
- It accurately forecasts production run times based on the Bill Of Manufacturing routing details

## **The Results**

Flexahopper Plastics Ltd. evaluated and purchased MISys SAE Levels 1, 2 and 3 after looking at many options. The software cost savings alone were enough to justify the purchase.

Return On Investment in money and time has been great: They now always have proper stock levels on hand and have reduced freight costs by an estimated 15% by eliminating “emergency orders”. It has also allowed them to negotiate better terms with their suppliers.

They now have accurately costed finished goods which allows them to determine the best product pricing for customers and themselves. They can also customize a production run and still know exactly what it costs based on standard, projected, and actual costs...and can now give a customer an accurate expected delivery date.

“If you are a manufacturer and are already using Sage Accpac ERP as your accounting package, you cannot afford not to use MISys Manufacturing for Sage Accpac ERP (MISys SAE).”