Prophit® RCCP

Rough Cut Capacity Planning Module

Prophit® RCCP = Rough Cut Capacity Planning

Aligning Capacity To Your Customer's Demand

Rough Cut Capacity Planning is an important process to convert high level strategies into executable supply chain and operational plans. These plans should have a full understanding of their impact on your resources and profitability. Traditionally, capacity planning is time consuming and assumptions are made to simplify the process.

Prophit® RCCP has been designed to model all resources and cost drivers that are important to your business. This ensures that your capacity plans can be generated quickly and with the least number of assumptions possible. The reduction of assumptions in any plan ensures their accuracy and increases the probability of executing the plan.

Typical resources modelled, include:

- Overall plant capacity – including backlog and excess capacity
- Crewing capacity – including skills categories
- Tooling capacity
- Assembly hours in a particular cell or bottleneck process
- Testing cell capacity
- Engineering hours needed to configure the final product to the customers specifications
- Working capital
- Warehouse space
- Supplier demand
- External Warehouse
- Freight
- Purchasing Requirements
- Additional Cost Drivers

The system is designed to be integrated with your existing ERP system. Where capacity constraints are not modelled in your ERP system **Prophit® RCCP** can be configured to model these constraints to ensure all cost drivers are included in the process.

The **Prophit® Software Suite** can be stand alone modules or a fully integrated sales and operation planning system, RCCP is accompanied by the following modules:

Prophit® Forecast Manager   **Prophit®** Master Production Scheduling

Prophit® E-Planner   **Prophit®** MasterView

Prophit® Progress   **Prophit®** Manufacturing Execution System

The **Prophit® RCCP** is designed with functionality to enable your executive team to ask the hard questions and time poor planners to give timely answers. **Prophit® RCCP** aligns your plans to your business strategies. This desired business outcome is supported by the following features:

- KPI Guidance
- Drag n Drop functionality
- Filters to navigate between lines, product families, production parameters or customers
- Work order quantity adjustment
- Displays of multiple planning parameters e.g. crewing, finished goods inventory
- Scenario saving
- Material Requirements Planning
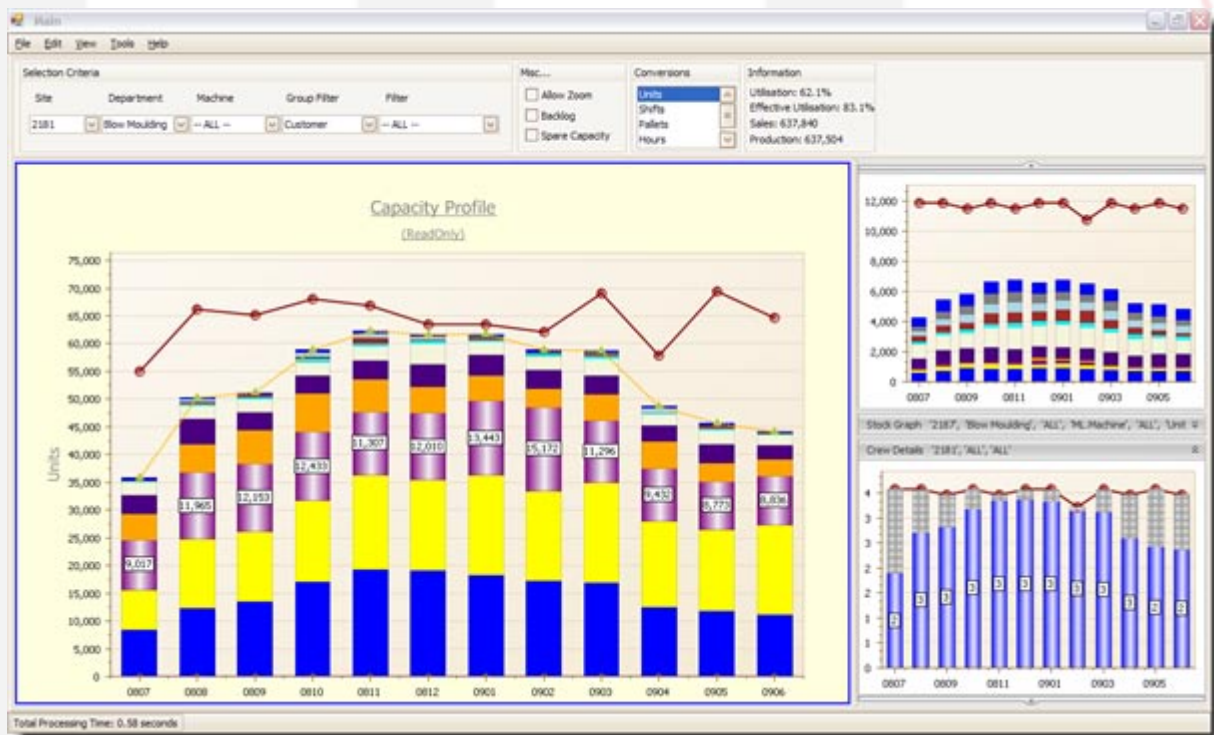
Prophit® RCCP Long Range Capacity Planning

This product is intended for capacity planning over the medium to long term typically from 1 year to 5 years. Our weekly resolution is seperated where timing of critical processes is required. Designed specifically to answer the questions:

- What crew do I need & where?
- What stock will I have & when?
- What tools do I need?
- What delivery performance levels do I need to achieve?
- What warehouse space do I require?

Prophit® RCCP User Interface

The user interface is graphical with easy access to data to facilitate the planning process.

The functionality of the **Prophit® RCCP** gives you multiple parameter views. For instance you can make changes on your line capacity, while referencing the implications on your inventory and crewing constraints

The capacity profile graph has the option of being supported by KPI Guidance and production data
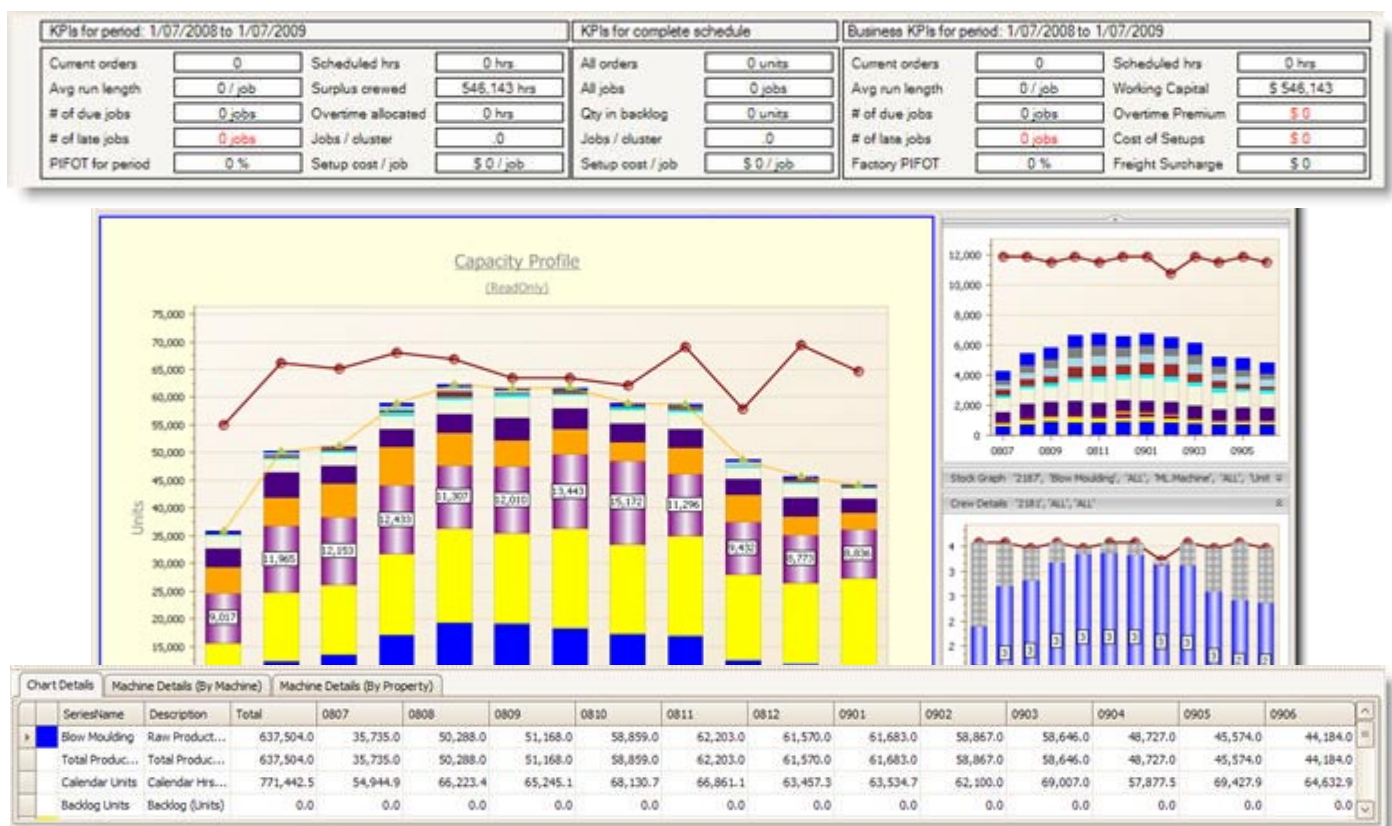
KPI View

This provides micro and macro detailed information for comparison to speed the planning process by keeping you focussed on the real business improvement goals.

The KPI view is fully customisable including time periods, for example;
KPI's for scheduling period on the particular line
KPI's for complete schedule on the particular line
KPI's for complete schedule across the operations

Production Data Table

This Data Table view allows you to view the values that are used in the capacity profile calculations. These can be adjusted for exceptions or can be copied and pasted into a report as required. This feature continues to improve the accuracy of your plans. This accuracy can be utilised to quickly create best and worst case scenarios.

Benefits Of Prophit® RCCP

The modelling capabilities and time saving features of **Prophit® RCCP** takes Rough Cut capacity Planning to a new level of accuracy. In fact, it can remove the "Rough Cut" from your capacity planning. Executive decisions can be made with confidence that your capacity plans can be executed with minimal assumptions. This enables decisions of increased variable costs versus capital expenditure to be reasoned for the profitability of the business.

Prophit® RCCP = True Effective Capacity Planning