

Have you ever wondered how to reduce your production costs? How to make your production structure more flexible? How to shorten your lead times? How to manage your inventories? How to plan your order book in the long term? Well, here is a solution that will let you reach your objectives and face the challenges that await you! The solution is called AutoFAB.

AutoFAB was conceived for complex production environments where starting up production and realizing an optimal production schedule is difficult, considering the constraints and the company's rules.

Most manufacturing industries spend enormous sums designing and adapting their product to meet their clients' needs (engineering department). This is the problem that the experts at NBA Automation have been working on.

AutoFAB is considered as a MRP-2 software because it allows manufacturing resources planning. Besides, AutoFAB offers a unique setting. In fact, AutoFAB's ingenuity is in the flexibility of its parameters. It lets you "concoct" an intelligent recipe that will be used to create thousands of different recipes automatically. Which means that you can virtually make your product "elastic" and so meet the clients' needs in one stroke! You will save time, money and will improve your productivity. You will be pleasantly surprised at your efficiency! Your clients too!

In order to explain AutoFAB's advantages in concrete terms, we have identified various stages in the fabrication business process to demonstrate from order-taking to work preparation in your various departments (purchasing, shipping, accounting), how you can efficiently control production, control your inventory and satisfy your clients.

AutoFAB is bilingual, flexible and user-friendly. It will revolutionize how your business works!

Bidding

Meeting your client's needs is child's play with the automatic creation of work orders (flexible parameters).

- Set up various scenarios (product size, materials, options, etc.);
- Instantly supply detailed bids (price lists per product, discount calculations, printing the bid in the customer's preferred language, etc.);
- Set up your production schedules.

Purchasing/ordering

- Plan your supplies in relation to the orders to come;
- Plan your purchasing automatically using the links between your company's various departments;
- Print all the documents you need for upcoming orders (requests for bids for primary materials, purchase orders, "recall" product reports, received product files, etc.);
- Cost price by resource and order.

Pre-production

Prepare your production efficiently as soon as the client issues his order.

- Manage standard and on pallet inventories;
- Prepare purchasing files and set the materials aside;
- Print the documents needed to start the fabrication process (drawings, procedures, order forms, bar code labels for monitoring, etc.).

Production planning and production

- Input the data for every stage of production (quantity to manufacture, production schedule for each workstation, complete production time, etc.);
- Manage subsets;
- Plan your production schedule according to the availability of the machines, the components and in proportion to the workload;
- Automatically manage digital controlled machines.

Production follow-up

- Take the primary materials required for production from stock;
- Manage parallel operations;
- Monitor your product through the entire production process using AutoFAB's "traceability";
- Inventory and document the various stages of production (history of purchases, inventories, production, receipts and shipments, transfers between warehouses, multiple reports, etc.).

Shipping

- Define the many methods of shipping (by order, by client, by product, by pallet, etc.) and deliver your products on time;
- Print your own documents and thus simplify the different stages of the shipping process (bar coded labels, shipping documents, waybills, etc.);
- Route shipping data directly to the accounting department.

Billing

Do away with having to enter data twice over and the annoying errors that can result!

- Manage your accounting effectively with connectivity between the various departments (sales, purchasing, shipping, etc.);*
- Route data directly to the accounting system;
- Print your invoices in the customer's preferred language.

* Your sales people will also have access to client information (account status, etc.).

AutoFAB is a flexible program, so it adapts to your industry whatever type of product you manufacture, as witnessed by the diversity of the companies that are using it.

Are you thinking of getting the AutoFAB system? You can count on the services of NBA. In fact, our experts will take care of integrating the system harmoniously. At the same time, our qualified trainers will demonstrate the system's great potential and will show you how to run your new working tool and adapt it to your needs.

Would you like more information? Check out our website or call us. Our management will be pleased to answer your questions.

André Cooke,
Official representative

N.B. Automation inc.
50, chemin de Gaspé,
Unité B3
Bromont (Québec) J2L 2N8

Tel.: (450) 534-5336
Fax: (450) 534-1015

acooke@nbautomation.com
www.nbautomation.com