

Impecsoft Technologies

This document explains the features of TRENDS that help in managing the complexities of manufacturing industries; specifically tool and die industry have their own procedures which makes generic ERPs unsuitable for implementation

THE TOOL AND DIE INDUSTRY

The Tool and Die industry stands in between Product Development on one hand and Manufacturing and Assembly on the other hand. The tool and die making process is a key process for realizing shortened time-to-market goals and competitive structures.

Hence, for the customers of the tool and die industry cost and time taken for delivery are equally important. The upstream industry demands make it more important for the Tool-and-Die Production Managers to concentrate heavily on Productivity and on up-to-date information

Impecsoft provides Tool and Die industry specific ERP - TRENDS Manufacturing



WHY ARE GENERIC ERPs NOT SUITABLE TO THE TOOLS INDUSTRY

The Business Processes for Die and Tool industry are unique.

- ❖ Firstly, most of the companies fall under SME category. Currently, IT infrastructure of many SMEs is based on inappropriate tools, which cannot support standardized communication. Until recently, there was no ERP-system that economically addressed the business needs of SMEs.
- ❖ Secondly, Competitive forces are driving technology efforts towards e-collaboration and exchange of data. For SMEs not only the integration of large systems is problematic but also the possibility to import existing data stored e.g. in Microsoft Excel files or other individually programmed databases.
- ❖ Thirdly, SWEs within India are now expanding boundaries and are working with multi-nationals in Europe and the US. One of the most important issues is to exchange data and documents (e-collaboration) like requests for quotation, orders, confirmation of orders, stock of inventory and underworked production capacities.

For the integration of collaboration functionalities into a project solution – the exchange of data and documents inside a production network – a holistic process and data model for the inter-organizational order management is required.

Generic ERPs frustrate users more than helping them

TRENDS MANUFACTURING

TRENDS ERP(Tulasi Rapid Enterprise Domain Solution) for Manufacturing is exclusively built to suit Die and Tool industries. There are ERP solutions in market that provide e.g. integrated customer relations management, supply chain management, online analysis processing, accounting, sales order entry, purchase order creation, inventory and warehouse management systems. Since the systems focus on generic business functions, they actually do not cover all the specific requirements of tool and die making workshops.

While we have all the modules of ERP (ref: figure 1.1), we have taken special care to study every practice in the industry for developing TRENDS-Manufacturing

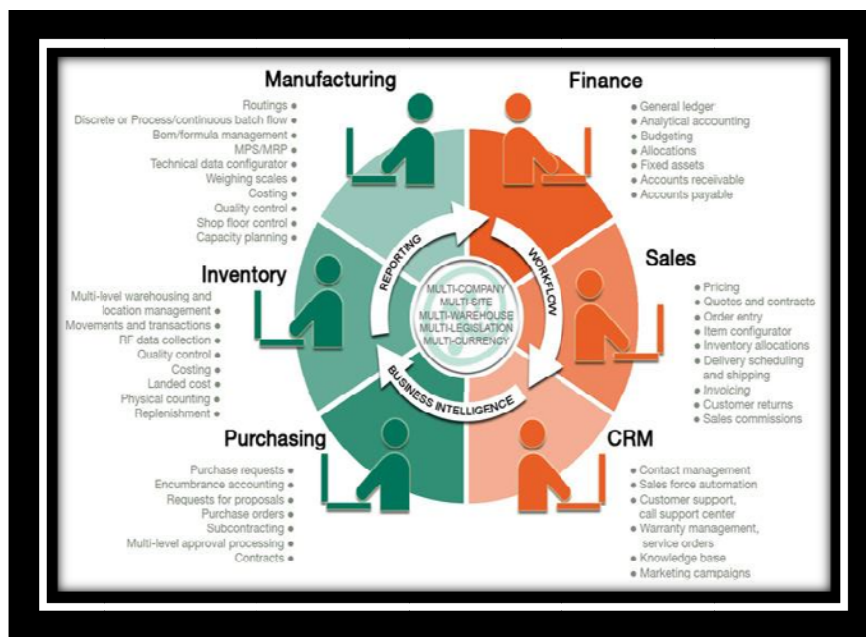


Figure 1.1

What makes TRENDS special is that the software is 'LOCAL'ized to Indian business procedures



The following are the key features that are made to work in the way that tool and die industries do business.

- ✓ Sales and Purchases
 - **Estimates for Sales team** – The system gives estimated costs to the Sales team who can in turn provide this valuable information to the customer while taking the orders
 - Support Exports Sales and Import Purchases –**Proforma invoices** and similar functions like **LC application** generation makes it so easy for handling export and import functions
- ✓ Accounts
 - Single invoice, Multiple Orders – This functionality is especially essential for transacting with local organizations. This functionality is not available in major ERPs
- ✓ Production Manager
 - Define multiple stages for the Organization – Every shopfloor is unique in terms of defining number of stages. TRENDS has a configuration module to configure number of stage (Ex: **Mounting section, Rubbering section** etc.,). An order can be tracked as to which stage of Production and what status it is in
 - **Scheduled Machine Maintenance** - Maintain machine, service and warranty details; Alert mechanisms for Production Manager. Functions very similar to the Outlook
 - Work allocation – Work can be tracked by the Production Manager and record resource timings
 - **Waste Management** – Wastage can be recorded and monitored at different levels – Ex: Wastage per die, Wastage per day; Wastage per department
- ✓ Quality Controller
 - **Dynamic Quality Control** – Define and set dynamic test results for different types of dies and instruments against which quality needs to be measured

Apart from the above features what makes us unique is the Localization we bring, where every care is taken to suit the local procedures in India.

Our training manuals and videos in local languages make it even easier for your teams to use the software. It is easy. It is simple.

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