



eXensys Micro Vertical Solution

Micro-Vertical – Tools & Dies

Agenda

Industry Overview

Industry Characteristics

Key Processes 'n' Challenges

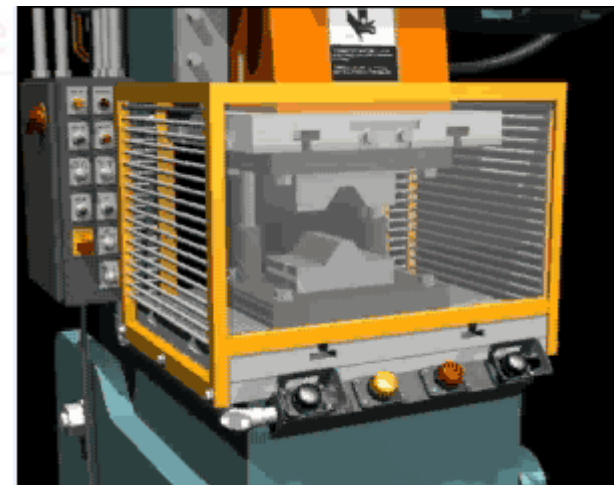
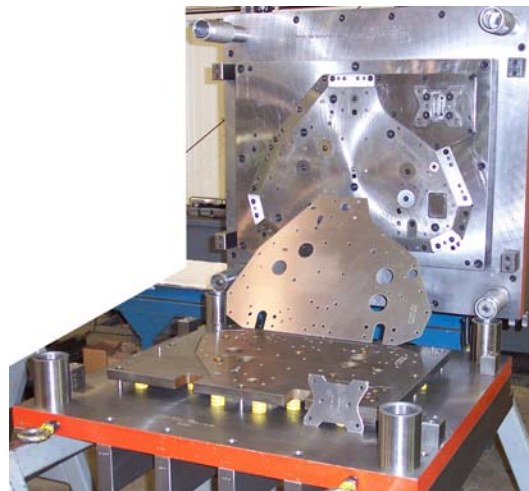
eXensys Best Practices



Industry Overview

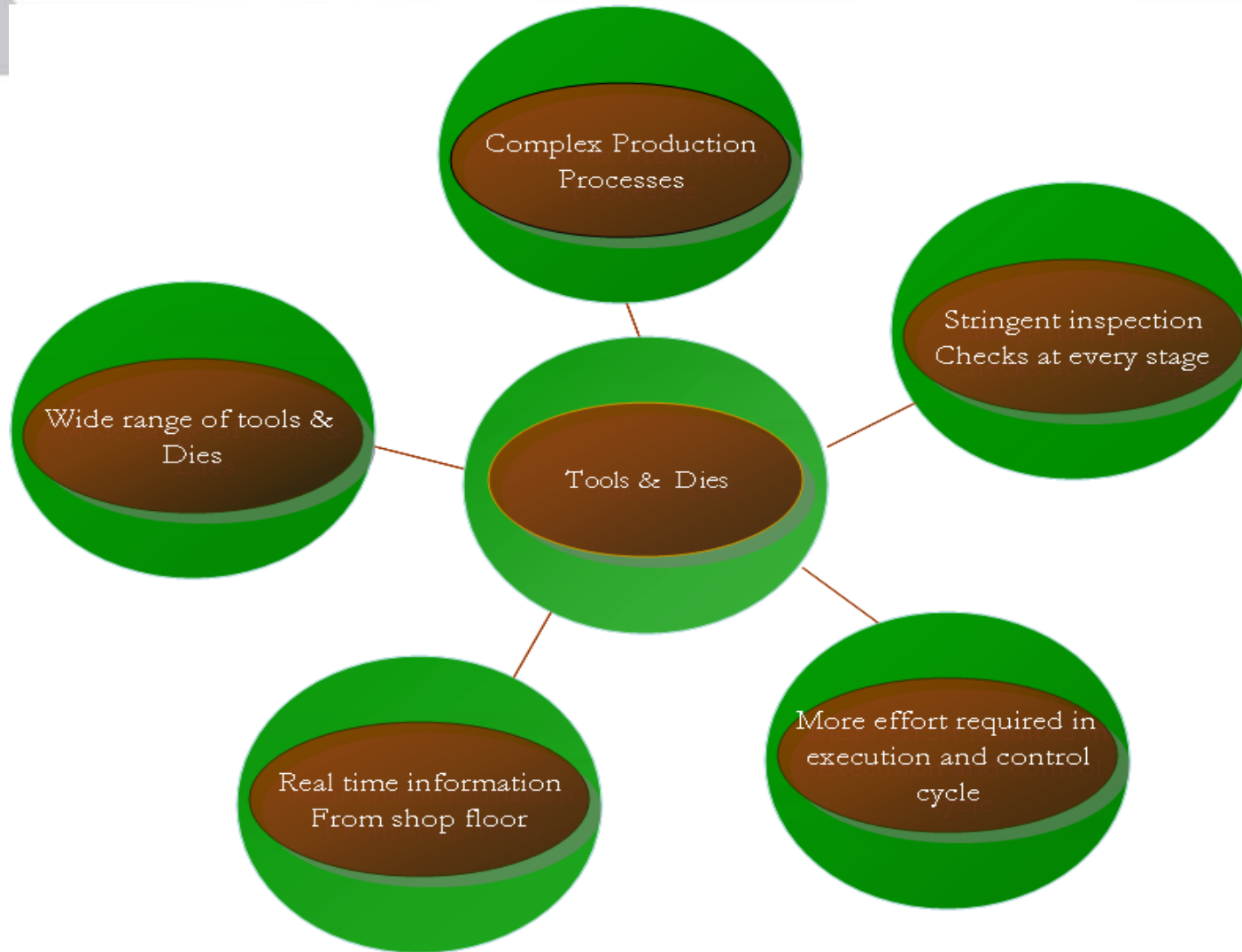
Micro-Vertical – Tools & Dies

The Tool and Die industry has unique requirements from ERP software. To succeed in the tooling industry requires superior customer service including delivering quality products on time. To deliver products on time machining centers and skilled operators must be tightly coordinated to manage potential bottlenecks. Operation durations can range from a few hours up to several months must all be identified and tracked. Customer driven changes, overtime, new machining centers must be quickly incorporated into revised schedules. Selective order status information can be made available to your customers over your web site. An important aspect of this industry includes project management, contract administration, production planning, and cost accounting.

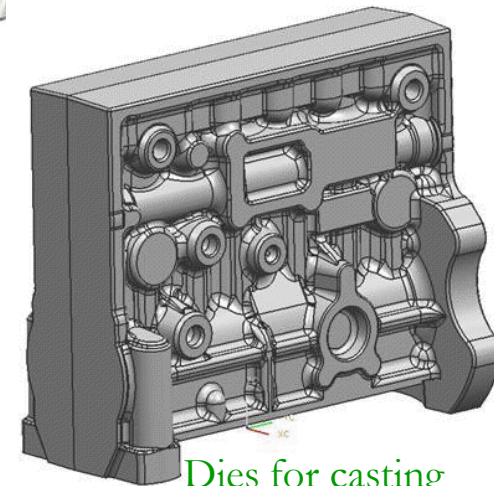


Industry Characteristics

Micro-Vertical – Tools & Dies



Cutting tools



Production Plant – Process Layout , Forward Scheduling, Finite Capacity (With capacity addition facility) Well Maintained Plant with regular preventive maintenance schedules

Key Processes 'n' Challenges

Micro-Vertical – Tools & Dies

Key Processes

- Order processing, Scheduling & Delivery
- Engineering BOM & Routing preparation, approval from customer
- Identification of critical resources through Rough-cut Capacity Planning
- Purchase schedule to vendor from MRP
- Sub-contractors purchase order generation, tracking for completion of operations
- QC inspection at incoming, sub-contracting receipt, in-house production
- Preventive & predictive maintenance schedules

Challenges\Pain Areas

- Different die sizes
- Inefficient inventory Management
- Meet market demands with high customization
- Locating necessary tools, including the next die
- Making ram adjustments
- Moving dies in and out
- Recognizing component wear and tear

eXensys Best Practices

Micro-Vertical – Tools & Dies

S.No	Pain Areas	Why do companies fail?	eXensys Best Practice
1	Locating necessary tools including the next die Different Die sizes	<ul style="list-style-type: none"> ➤ No tracking of tools and material ➤ Not able to issue tools ➤ Operation Streamlined ➤ Production Cost calculations 	<ul style="list-style-type: none"> ✓ Able to track tools and material for Production ✓ Issues and receipt across the sub organization ✓ Tracking of operations through status ✓ Accurate Production cost calculations
2	Market demands with higher Customizations & Engineer To order Capabilities	Not meet market demands	<ul style="list-style-type: none"> ✓ Improve Manufacturing flexibility and Operational excellence ✓ Streamline current operations ✓ Speed design of simple, reliable machinery ✓ Improve customer loyalty and retention
3	Maintenance of pressroom	<ul style="list-style-type: none"> ➤ Maintenance only on break downs ➤ No planning for maintenance items ➤ No information of time taken for maintenance 	<ul style="list-style-type: none"> ✓ Schedules of preventive and predictive maintenance ✓ Spare parts planning

