Part 2 of 2: Cost Savings in Metal Stamping: Optimizing Scheduling

How to Improve Scheduling and Save Money NOW...

Shop Edge understands that you need to manage your Job Costs closely now more than you ever had to before. Let us show you how our customers are controlling costs and saving money.

In a recent survey of our customers who are exclusively in the Metal Stamping industry we have uncovered that this involvement in just “one industry” and the singular focus on Metal Stamping has generated a number of transferable cost control practices. It is this singular focus that sets us apart and helps our customers to achieve remarkable “cost control”. An industry-specific solution empowers operational excellence by facilitating collaboration within your own business as well as with your customers.

Consequently, organizations, similar to your own, see a complete solution approach that provides maximum value to them and the customers they serve and at the same time drives costs out; your competitive edge.

Optimized Scheduling

The core strengths of a system designed for your industry has to be in the Metal Stamping Production Scheduling and Control module, which is the foundation of an advanced industry-specific system and is what will assist you in reaching your desired competitive advantage. Having a solid scheduling module translates into reduced costs where you need it: on the shop floor.

Innovative and Advanced Scheduling and Control reduce costs by improving Overall Equipment Efficiency (OEE). Having the ability to “level load” and consequently minimize change over times results in OEE. A scheduler, designed from the shop floor up, measures equipment and tooling availability, and
Optimized Scheduling cont’d...

maximizes usage making sure you are running jobs at peak efficiency. By combining Production Scheduling with an Integrated Tooling and Maintenance module, software can assist companies by reducing loss types such as setup and adjustment, breakdowns/machine failures, and small stops. Reducing loss types saves you money.

The key factors associated with driving towards peak efficiencies across the shop floor have been identified as:

- Consistent loading associated with your equipment or “level loading”
- Minimizing change over time
- Accurate data on your customer’s historical forecasted patterns

Time is money, and a predictable steady state production pattern will assist you in attaining peak OEE and saving more money.

“Time is money, and a predictable steady state production pattern will assist you in attaining peak OEE and saving more money.”

“Innovative and Advanced Scheduling and Control reduce costs by improving Overall Equipment Efficiency (OEE).”

Today more than ever you need to give your company an “EDGE”...
# The Numbers Game...

<table>
<thead>
<tr>
<th>Before ERP and Automation</th>
<th>After ERP and Automation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Poor scheduling mechanisms do not enable you to use equipment effectively</strong></td>
<td><strong>Advanced Scheduling module measures equipment efficiencies directly using your own schedule and increases equipment utilization by 10% over 24 hours</strong></td>
</tr>
<tr>
<td><strong>Inadequate tooling management contributes to poor OEE</strong></td>
<td><strong>By integrating your Scheduling module with your Tooling module you can now prioritize tooling with the scheduling of production</strong></td>
</tr>
<tr>
<td><strong>Without reliable scheduling your raw materials inventory totals that directly impact production are often inaccurate.</strong></td>
<td><strong>Optimization of labor as a result of inventory and scheduling integration allows you to redistribute your resources effectively.</strong></td>
</tr>
<tr>
<td><strong>Production time due to extended change over times</strong></td>
<td><strong>Improved production levels from integrated scheduling resulted in $120,000 in direct labor cost savings</strong></td>
</tr>
<tr>
<td><strong>Production Time and labor due to unavailable tooling for production runs</strong></td>
<td><strong>Found:</strong></td>
</tr>
<tr>
<td><strong>Labor that is devoted to supporting inefficient process related to tooling set up and inadequate inventory</strong></td>
<td><strong>Added production time due to load leveling and effective scheduling and cost savings of $100,000</strong></td>
</tr>
<tr>
<td><strong>Lost:</strong></td>
<td><strong>Prioritizing tools with production saves 8 full-time employees or $300,000 per year</strong></td>
</tr>
<tr>
<td><strong>Lost:</strong></td>
<td><strong>Extra labor for redirected and productive activities (not inventory and set up) saving you $120,000</strong></td>
</tr>
</tbody>
</table>

A total of $520,000 back in your business

**NOTE:** Cost control numbers are accurate and were provided during the 2008 annual ShopEdge Software Inc. customer survey from our metal stamping customers.

*Today more than ever you need to give your company an “EDGE”...*
Stay tuned for our next report:

**Efficiency and Productivity Gains in Metal Stamping**

See the complete report at [www.shopedgesoftware.com](http://www.shopedgesoftware.com)