

P.E.P. TECHNOLOGY[®]

Automated Manufacturing with High Tech Software

How the WIP software has changed Brunswick Steel?

An interview with Clint Worbanski, Programming Manager.

- **What are you responsible for?**
Programming the gas, plasma, and laser machines and trouble shooting all CAD issues.
- **What specific types of machines do you program?**
1 Trumpf 4050 laser, Gas / Plasma tables with 4 plasma heads 6 flame torches.
- **How many hours are the machines run?**
24 hours per day, 6 days per week

QUESTION	BRUNSWICK REPLY
Speed of processing orders? <ul style="list-style-type: none"> . Methods/number of steps required to find files . Time to analyze the jobs to be cut . Prioritize the jobs to be cut . More nests produced with less effort 	<p>Before we purchased WIP there were 2 programmers working 5 to 8 hours a day programming.</p> <p>After installing WIP we now rely on one programmer working 1 to 2 hours a day. This is more than 10 hours saved <u>per day!</u></p> <p>Our processing methods have changed drastically. I now run WIP over night. The next day when I come in all I do is verify that there are no errors in the comment section of the nest directory and review the nests. It's great.</p>
Accuracy in processing orders? <ul style="list-style-type: none"> . Part revisions . Change orders . Part quantities 	<p>Accuracy has increased. WIP has caught several order entry errors before they were cut. We can make changes to nests right up to the point before a nest goes to the table to be cut.</p>
Material Yield? <ul style="list-style-type: none"> . Having more parts of the same material type and thickness to combine . Filling more empty spots 	<p>Our plate utilization has gone up from the low 70% range to the mid 80% range and continues to climb.</p>
Machine Productivity? <ul style="list-style-type: none"> . Having the right job ready to be cut . Ability to add rush jobs to scheduled nests 	<p>We always have to rush jobs, or last minute orders to cut repair parts for machines in our customers' factories. We can now do that by either creating a new nest or adding the parts to a nest about to be cut.</p>
On Time Delivery? <ul style="list-style-type: none"> . Misplaced orders . Delay . Ease of processing 	<p>We are now able to track orders by either their drawing number or the work order number, making life easier.</p>
What Features in Wip do you use the most? <ul style="list-style-type: none"> . Part revisions . Change orders . Part quantities 	<p>The over night nesting. The fact I can tell WIP to use drops first before full plates is great. WIP has freed up ½ of my day to draw parts or whatever else needs to be done.</p>
Is Wip better than your previous methods of generating nests?	<p>Hell YES!</p>

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