Billington Structures: Ten out of Ten

EXECUTIVE SUMMARY

If you’ve attended the NASCC 2010 in Orlando, Florida, you may be familiar with the Peddinghaus theme, “10 out of 10”. Peddinghaus is setting the bar to a higher standard for the year of 2010. Whether it is in service, support, or technology, Peddinghaus wants to score at the top of everyone’s list.

The true story of “10 out of 10” is not told by Peddinghaus employees, it is exhibited within the everyday operations of Peddinghaus customers.

Introducing the Judges Panel – Billington Structures Limited

Billington Structures is one of UK’s premiere structural fabricators and has been supplying structural steelwork throughout the world since 1947. By providing a comprehensive structural fabricating solution that includes design, supply, fabrication and erection of structural steel Billington Structures has proved to be one of the UK’s most versatile and forward thinking fabricators. Maintaining two facilities in the UK (located in Barnsley and Yate, near Bristol)

Billington supplies customers throughout the UK with a wide range of structures including portal frame buildings, beam and column buildings, and complex structures in excess of 6,000 Metric/6,600 short tons. Between the two state-of-the-art fabrication facilities, Billington is capable of processing 25,000 Metric/27,500 short tons of fabricated structural steel annually, all while maintaining an exceptional regard for quality in design, and value added services.

Customer Case Study

Billington Structures

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<thead>
<tr>
<th>CUSTOMER NAME:</th>
<th>Billington Structures</th>
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<tr>
<td>INDUSTRY:</td>
<td>Structural Fabrication</td>
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<tr>
<td>LOCATION:</td>
<td>Barnsley &amp; Yate, UK</td>
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<td>ANNUAL TONAGE:</td>
<td>25,000 Metric/27,500 short tons</td>
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<td>CHALLENGE:</td>
<td>Current Peddinghaus machines were aging, &amp; needed to process more steel in less time</td>
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<td>SOLUTION:</td>
<td>Purchase new quality Peddinghaus machines and employ a new layout for more efficient processing</td>
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<td>RESULTS:</td>
<td>Same Peddinghaus quality work, with faster production times</td>
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Kevin Campbell (Production Director) and Roger Hale (Works Manager) score Peddinghaus on their latest technology.
At the forefront of Billington Structures you will find several qualified industry experts including Steve Fareham, Managing Director of Billington Structures and Former President of the British Construction Steelworks Association (BCSA). Also on the Billington team is Kevin Campbell, Production Director and Chairman of BCSA Midland and South Region, and Roger Hale, Works Manager – Yate Facility.

Billington focuses on efficiency throughout their production process, from detailing, processing, to fit-up, and painting. They prove time and time again to be one of the UK’s most progressive fabricators in all aspects of their operation.

The partnership between Peddinghaus and Billington was born in the late 1980s with the addition of their first TDK 1000/9 Drill Line. Having since added several plate processing, beam drilling, and automatic sawing lines to their production the affiliation between Peddinghaus and Billington has continued to grow based on three major principals, quality, technology, and customer service.

**SCORECARD: Build Quality and Reliability**

Kevin Campbell states that his focus on shop flow and efficiency starts at the drill/saw line. Reliable, accurate, and robust equipment is essential to Billington’s production process. The BDL-1250/9D drill line paired with DGP 1270 saw and SignoMat part stamping system sets the tone at their production facility in Yate, while multiple Peddinghaus plate machines are the workhorses for detail throughout their facilities.

“Our drill line doesn’t stop working, no matter what you throw at it,” Kevin Campbell said. “We recently replaced our older BDL-1000/3A with Peddinghaus’ latest in carbide drilling technology, the BDL-1250/9D. Just like its predecessor the new machine is built strong and maintains a low maintenance cost. The accuracy of the roller measurement has been superb. We are processing 1 meter wide profiles in 1/3rd the time they used to take on our older system.”

“The Peddinghaus machines perform to exactly the specified standards given,” Roger Hale said. “Strong machines with superior performance; this is the quality we have come to expect from Peddinghaus.”

**SCORECARD: Technological Advancement**

Billington Structures is a fabricator that has never been afraid to venture into new technology. They consider themselves a small group that likes to see what’s next in the industry. This forward thinking philosophy has led them to pioneer many of the industries latest efficiencies including carbide drilling, multi-axis layout marking, and innovative material handling methods.

The addition of the BDL-1250/9D drill line has given the group a clear view of Peddinghaus’ latest innovations. As stated in a corporate news release:

“Billington sees the [BDL-1250/9D] as a cornerstone investment that will be
playing a key role in its future competitiveness within the industry for many years to come.”

“We were able to increase our carbide speed and feed rates to 10% above those we set on our other carbide drill line, and also 30% above that of the tooling manufacturer’s specification, while still preserving tool life,” Campbell said. “The machine does an amazing job eliminating vibration and maintaining high speeds and feeds.”

“The Peddinghaus system has truly made technical advancements to stay on the cutting edge of fabrication, but has never sacrificed the quality and service that we have come to know them for,” Steve Fareham said.

**SCORECARD: Customer Service and Training**

Billington maintains an elite maintenance group for all of their CNC equipment to ensure that they receive the highest level of performance from their machine tool investments. They feel that it is critical for them to have access to knowledgeable service, and spare parts when needed to maintain deadlines and provide the highest level of customer satisfaction for their business partners.

From before the installation through maintenance, Peddinghaus service has proven itself and stood by Billington every step of the way.

“Leonard Smith, our installation technician for the BDL-1250/9D was a perfect 10,” said Hale. “He proved to be knowledgeable, and dedicated. Our installation was done quickly and we had production up and running in no time. We wouldn’t change a thing about Peddinghaus customer service.”

After the installation of the new drill line Billington’s Head Maintenance Engineer Tim Damsell took the opportunity to visit Peddinghaus’ Corporate Headquarters Bradley, Illinois for advanced maintenance training.

“The training team and Siemens experts at Peddinghaus did a great job helping me understand everything I needed to know about the equipment both from a mechanical and electrical stand point,” Tim Demsell said. “Whenever I have a question or need additional help the Peddinghaus technical service center is always there for me.”

**The Final Score – Peddinghaus and Billington Structures**

The team at Billington Structures has their eyes set on the future, both the structural fabrication market and technology that. Their ability to examine the entire flow of their fabrication process has allowed them the skills to improve procedures in every area of their trade, while still providing value added services to their customers.

By continuing a relationship based on technological advancement, quality, and support, the Peddinghaus and Billington Structures partnership will score high marks, now and into the future.
FOR MORE INFORMATION

To learn more about Peddinghaus Corporation visit:
www.peddinghaus.com

PRODUCT LIST:
- Beam Drill Lines
- Angle Masters
- Plate Processing
- Coping Machines
- Thermal Cutting
- Automated Layout Marking
- Structural Band Saws
- Ironworkers
- Material Handling