EXECUTIVE SUMMARY

CUSTOMER NAME: GEM Buildings

INDUSTRY: Structural Steel Fabrication and Erection

LOCATION: Brigham City, UT, USA

PEDDINGHAUS MACHINERY: PeddiWriter CNC layout marking machine, Anglemaster angle and detail part line, PDC/B drill line

CHALLENGE: Solving the bottleneck that layout and fitup provide

SOLUTION: Automate fabrication by purchasing the PeddiWriter CNC layout marking machine

A Steady Stream of Automation

In 2010, Our Steel Fabricators’ Review Article Ended Like This...

GEM Buildings considers themselves to be in a continual pursuit of growth. By offering a wide array of services they are constantly looking for ways to win jobs and increase revenues. The future is bright in Brigham City for the team at GEM. With their streamlined production and time tested safety practices, there is little that can hold them back.

Today, GEM Continues to Follow their Goal

GEM is the type of company that stays true to their word regardless of what it takes. Kyle Hansen, President of GEM Buildings, has discovered that no matter how successful your business may be, there is always room for improvement. As they find themselves fabricating buildings in excess of 1 million square feet (92,903 square meters) in size, GEM is no stranger to the solutions automation presents. Kyle and the team at GEM continually analyze production to see what can be done to keep them ahead of the competition and at the cutting edge of fabrication.

Discovering A Bottleneck in the Fabrication Process

Although GEM has already invested in numerous types of automation, GEM found themselves in a position where production needed to increase, thus a second shift was required to accommodate the volume
GEM struggled with the task of finding qualified personnel for the layout and fit-up of structural members. After evaluating their options, GEM discovered the PeddiWriter CNC layout marking machine from Peddinghaus.

“When we heard about the new technology on the market for fabrication layout, we knew we had to investigate it. We felt comfortable with Peddinghaus due to our previous experiences with them, and as a result we were excited about the acquisition of the PeddiWriter. We were confident that this machine would provide a great advantage in helping us solve our fitting and layout challenges now and in the future,” stated Kyle. After visiting several installations, where users attested to the benefits of the technology, GEM knew that the PeddiWriter was the next step for automating their production process.

GEM’s Newest Employee: The PeddiWriter

Soon after the installation of the PeddiWriter, GEM already began experiencing the benefits of the machine. No matter the complexity of a component, the PeddiWriter has reduced their production time dramatically. GEM has experienced extremely intricate pieces that in the past would take around an hour and twenty minutes to manually mark now take up only twenty minutes of processing time on the PeddiWriter.

“Our fabricators and shop personnel have been very happy with, and very supportive of the PeddiWriter. Our entire team was very excited for its implementation,” stated Shaun Christensen, Director of Operations for GEM Buildings.

A Partner with Peddinghaus

GEM understood that the PeddiWriter performs solely layout operations, thus it was a different animal than their Peddinghaus drill line, coper, and Anglemaster. Even though the PeddiWriter acquisition would mean training staff members on a new way of programming, GEM had confidence that they could call on Peddinghaus whenever they needed a hand. “Our experience with Peddinghaus Customer Service has always been first rate. We can get people on the phone, we’ve got video access, and we’ve got webcams on the machines, software support, all the way up through sales and management. I know that Peddinghaus people are just a phone call away when we need them,” stated Kyle.

Looking Ahead

GEM’s future is looking bright and busy. Kyle stated, “Moving forward, GEM is going to continue to find customers that have unique challenges and provide solutions for those challenges. Wherever steel structures
will supply the need that our customers have, that’s where we’re going to be able to design and supply across the world.” Knowing that automation is the key to success has set up GEM to be a force to be reckoned with in the business of the steel industry across the globe.

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FOR MORE INFORMATION

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

PRODUCT LIST:

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▪ Anglemasters
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▪ Coping Machines
▪ Thermal Cutting
▪ Automated Layout Marking
▪ Structural Band Saws
▪ Ironworkers
▪ Material Handling