EXECUTIVE SUMMARY

CUSTOMER NAME: Severfield (UK) Ltd

INDUSTRY: Structural Steel Fabrication

LOCATION: Dalton, North Yorkshire - UK

CHALLENGE: Older CNC technology was costing time and money with consistent breakdowns

SOLUTION: The installation of Peddinghaus heavy duty steel processing systems

RESULTS: The four locations have the capacity to fabricate 150,000 tons of steel per year

Tourists are attracted to the thriving historic and modern appeal of England’s offerings, renowned for its Royal Family, community pubs, legendary pop music stars (the Beatles, the Rolling Stones, and David Bowie, to name a few) and of course, tea. Its capital city, London, is considered a leading global destination. Iconic structures fill the city’s rainy skyline - 2012’s Olympic Stadium, 5 Broadgate global financial firm and the Shard at London Bridge – currently the tallest building in Western Europe.

These remarkable structures are only a small segment of Severfield plc’s impressive project inventory. Europe’s largest structural steel fabricator successfully operates within multiple manufacturing locations, including Severfield (UK) Ltd in Dalton, North Yorkshire.

The Proof is in the Production

Under the Severfield plc group, Severfield (UK) Ltd has the annual capacity to produce 50,000 tons of structural steel for the global company. 250 employees operate 10 fabrication lines spanning across 50 acres of land to complete noteworthy projects for clients. Serving market sectors such as industrial, commercial, sports stadiums, health, education, distribution, power and energy, retail, and transportation, Severfield remains on top of the structural steel industry.
“Without a doubt, Severfield at Dalton is the largest of all the Severfield locations,” advised Wayne Barron, Production Director. “The volume we can produce at this factory is what sets it aside from other businesses.”

**Severfield Beginnings**

Severfield began as most steel fabrication companies originate, as a family business. Founded in 1978, Severfield began with one fabrication line in a 200 meter (650 ft) space. The evolution of the company is undoubtedly a remarkable one. Today, it has five manufacturing locations operating under the Severfield plc umbrella, four are within the UK and one in India - JSW Severfield Structures Ltd, which is a joint venture with JSW Steel Ltd.

The four UK-based manufacturing locations have a combined annual capacity of approximately 150,000 tons of fabricated steel, working on at least 35 major projects at any given time. “There are many projects Severfield has been a part of,” explained Wayne, “sports stadiums such as the 2012 Olympic Stadium, various distribution centers including Amazon and high-rise towers such as the Heron Tower, 5 Broadgate and the Shard at London Bridge. To be fair, Severfield has built the majority of London.”

**Out with Old CNC Technology**

Before investing in Peddinghaus, Severfield (UK) Ltd utilized older CNC machinery that was coming to the end of its operational life. Consistent breakdowns were costing the company both time and money. Wayne and the team at Severfield understood a new investment in technology was needed to uphold their reputation as world-class leaders in structural steel.

“We were looking at various manufacturers, and one of the big things I was looking for was a robust machine that had the durability to last a long length of time,” said Wayne. “I noticed the Peddinghaus machines had a very substantial build structure and would give us the confidence they were going to last.”

**Invest for Success**

Severfield (UK) Ltd currently employs seven Peddinghaus machines including two heavy-duty BDL-1250/9D drill lines, two DG-1250 double miter structural band saws, two HSFDB-2500 plate processing lines and a PeddiWriter standalone layout marking line from Peddinghaus to fulfill their extensive project books.

Wayne and the Severfield (UK) Ltd team credit the Peddinghaus
technology for playing a critical role in the successful completion of London’s iconic structures. “I would say all of the machinery has been crucial to our operations but if one stood out for me it would be the BDL-1250/9D drills,” Wayne advised. “I’m used to seeing drills that take a considerable amount of time. I’ve seen our process sped up three-fold by using the new BDL; the drilling speed is phenomenal.”

Severfield (UK) Ltd previously faced slow processing times for conventional columns with spliced ends. Using their older CNC machinery from an outside manufacturer took approximately 1-1/2 hours to drill one section; with their BDL drill line, the processing was completed in less than 30 minutes, according to Wayne.

**Passionate about the Future**

The future is looking bright and busy for Severfield (UK) Ltd. Wayne and his team are optimistic with their continued investment in CNC technology. “Our relationship with Peddinghaus has blossomed,” Wayne described. “We’ve got a good relationship with the sales team, the engineers and the technical support team is fantastic as well.

The satisfaction we’ve got now from introducing Peddinghaus machines into Severfield is great. It’s given us a new lease of life and taken us into the 21st century.”

**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
- Shot Blasting
- Raptor 3D CAD/CAM Software