

Geerits: Fabrication Technology for the Future



Jos Geerits at his facility in Bree, Belgium.

EXECUTIVE SUMMARY

CUSTOMER NAME: Geerits

INDUSTRY: Industrial Buildings & Structures

LOCATION: Bree, Belgium

CHALLENGE: Decrease production time

SOLUTION: Purchase faster, quality, and more technologically advanced Peddinghaus machines

RESULTS: Faster project completion for customers

The small town of Bree, Belgium is home to Geerits, which for the last 20 years has developed a superior reputation as a leader in the construction assembly in industrial buildings and structures. Their customer base is not limited to Belgium, but includes clients in France, Holland, and Germany

From a modest start in 1991 with only 5 employees, Geerits has grown into a superior steel fabricator and erector in Europe. How does a firm make such a leap in less than 20 years?

Why Buy Peddinghaus?

“There are many reasons to buy Peddinghaus machines, of course, but the main points are as follows,” Jos Geerits said.

1. We knew of Peddinghaus from our industry colleagues and partners; all spoke highly of Peddinghaus equipment – that it was the best in the industry.
2. We wanted quality, reliable machines that would last for a reasonable amount of time.
3. Our jobs are fast paced, we needed equipment that is fast, flexible and can help us meet our deadlines.
4. We wanted equipment that gives us the capacity to expand and grow.



The PeddiBlast system provides a powerful solution for cleaning of all structural shapes and profiles.



The “Drilling King: for structural shapes and profiels at Geerits is the Peddinghaus BDL-1250 with its rugged design and large capacity.

The Peddinghaus modular handling system meets those demands.

5. The Peddinghaus technology is labor saving. We are able produce more with less, which keeps us competitive.

6. Finally, we wanted a solid business partner that understood our industry, and was committed to customer service. We have a good partner and a good friend at Peddinghaus

Tomorrows’ Technology Today

A lot of firms like to use the word “technology”. Peddinghaus’ engineering designs for machines in the steel construction industry have always been in the lead. From the strong, rugged frames to the precise positioning features to the 21st century electronics/software package, Peddinghaus is the leader. Let’s see why Geerits chose these machines.

The Peddinghaus DGP-1270 band saw is a powerful, precise tool that delivers fast sawing times to exacting miter accuracies, perfect for a flexible production environment where project requirements (such as roof trusses) can change quickly.

Since unfinished profiles delivered from vendors seldom have a suitable initial cut, each work piece is given a perfect seam (trim) cut upon entering the system. For many fabricators, this is a slow process, but not for Geerits, because the Peddinghaus DGP 1270 is equipped with the following sawing advantages:

1. Powerful 14.5 kW drive motor.
2. Precise “Auto Feed” automated sawing system, maximizing cutting.
3. 3° blade pitch, ensuring the blade is always sawing in the material.
4. Precision positioning system that miters up to 60° right or left.

Smart Spindle Technology is a Smart Machine Choice

Geerits invested in the latest drill line technology from Peddinghaus the BDL-1250 with nine spindles. The drill operates in perfect synchronized tandem with the DGP-1270 band saw.

The sawed beams enter the drill, and are automatically measured. Recognizing the proper program, the BDL-1250 begins drilling the required holes at high speed, without stopping for tool changes, due to the nine spindle design. All three working axes can be deployed at the same time if required for fast processing.

Peddinghaus uses Siemens state-of-the-art electronics on all its equipment, including the BDL drill. Peddinghaus engineers developed a system called “Smart Spindle Technology” that contain actual drilling



The Peddinghaus DGP saw and BDL-1250 provide the backbone for structural fabrication at Geerits.

data from rpm to feed rates to hole break through. Old, standard frequency motors do not have these capabilities.

The BDL-1250 drill also maintains marking and part stamping capabilities. Even after painting, this data is clearly legible, and aids in fast steel erection at the job site.

“We are First with the Best in Plate Processing”

In 2010, Geerits invested in a new Peddinghaus FPB-1800 CNC plate processing system. The handling of plate components has long been an issue for many fabricators. Buying from a vendor was expensive, and delivery was always an issue.

With the new FPB-1800, Geerits can control their own production. They can buy stock plate 1.8M x 32 mm thick up to 6M in length and process the entire piece without any additional material handling.

The technologies of multiple tool hole punching, plasma cutting, scribe marking, and intelligent nesting software are the foundation of a rugged plate processor that is capable of meeting any plate connection part required by Geerits.

The end result? Faster project completion for Geerits clients!

“Our Peddinghaus Equipment has Helped us Gain New Business”

“Thanks to our forward thinking in combination with all the Peddinghaus equipment, we succeeded in convincing several customers to work with us,” Geerits said.

“Once they witnessed our production capability, they knew we could handle their project quickly and efficiently,” Geerits added.

The speed and efficiency of the Peddinghaus machinery, and the PeddiBlast cleaning system has provided for the future of Geerits. They are capable of bidding on larger projects with the full confidence that any customer job requirement can be met.

“By investing in the technology of the future, we can provide for our clients today!” Geerits said.



Peddinghaus Corp Bradley, IL

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