PYTHONX® PLATE

SUCCESS STORY: Canadian Metal Buildings

Eliminates Third-Party Reliance with help of PythonX PLATE

CHALLENGES

Canadian Metal Buildings used to outsource some of their production. However, relying on third-party for profiles and components was a real hindrance when there was a tight timeline. Bringing in-house items that used to be outsourced provided better project and manufacturing control, helping to reduce third-party supplier dependence.

SOLUTION

THE RESEARCH

Ultimately, the decision to purchase a PythonX® PLATE was the time studies run by Lincoln Electric. The studies demonstrated how much time savings could be realized on the entire production process. For example, the time studies showed that 1 hour of shop time for 1 fitter in the shop worked out to approximately 1 minute on the PythonX PLATE, which increased productivity, production, and also the precision of the component being fabricated. In addition, the PythonX PLATE took the files directly from the design team and sent them to the machine, reducing the time of inputting and having to draw on the machine itself.

Also, rather than purchasing 2 pieces of equipment, such as a plate table and 3D line from two different manufacturers and trying to piece them together, Lincoln Electric offered one complete solution that perfectly fits the company and the facility.

THE PRODUCT

PythonX PLATE is a revolutionary plate-cutting solution. Its strengths include integrating a robotic arm that helps provide unparalleled plasma torch control enabling the processing of extremely complex parts with user-friendly controls. The key differences between a conventional plasma CNC cutting table and the PythonX PLATE are its extensive cutting abilities and versatility. PythonX PLATE lets you go beyond traditional plate cutting with 3D capabilities, including beams, HSS, and channel. This ability to perform so many cutting functions on a small footprint frees up significant plant space for welding and fitting operations downstream.

RESULTS

The PythonX PLATE allows Canadian Metal Building to process everything in-house. As a result, they have complete control over all aspects of production, such as lead times, production schedules, and quality, which results in efficiency and reduced manufacturing costs.

NO THIRD PARTY RELIANCE

INCREASE IN REVENUE

INCREASED THROUGHPUT

For more information on this revolutionary technology: Call +1 905 689 7771

Watch the Customer Success Video: www.pythonx.com/cmb

Founded in 1962, Armour Steel is a second-generation, family-owned structural steel facility that manufactures conventional steel and has evolved into creating another company called Canadian Metal Buildings that manufactures pre-engineered metal buildings with its own line of hybrid structures.

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