



A LASERTUBE TO GROW

Fisheye - BE

Speeding up the process from the conceptual idea to the end product and saving time in the different steps of the production cycle. These are the reasons why the creative company Fisheye in Belgium invested in a Lasertube system from ADIGE - BLM GROUP.

Work time

from 4 days to 9 minutes

“For us, outsourcing has never been an option. Where previously it took us four days to cut and drill tubes for a project, now the Lasertube system does the job in nine minutes,” said company co-founder Stijn Slabbinck. “This has allowed us to grow as a company,” he added. Fisheye is a multidisciplinary production company that makes creative pieces from a sketch to the final product for museums, festivals, the entertainment industry and institutions. An inspiring example is the “Star in Motion”, a stunning light structure about six meters in diameter, hanging 257 m above the Kingdom Tower in Ryhad, Saudi Arabia. Fisheye made the steel and aluminum structure with the Lasertube as well as managing the LED lighting, control software, transport, installation and commissioning.

Another example is the Holiday on Ice arena. A metal inspired igloo made of modular elements consisting of 25x25 mm square tubes connected in a play of interlocking segments that occupies a total space of approximately eighty square meters. The multidisciplinary nature of the company is confirmed by the fact that Fisheye’s engineers developed and manufactured everything, both the mechanical and the digital components. “We are a close team of designers, technicians, engineers and software developers who live to energize companies, productions and events,” declares the company’s website.



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Exploiting the possibilities of high-end CNC technology

“Since all projects are tailored to individual requirements, according to the final result, we always carefully choose which production technology to adopt to achieve the single project. That is why it is important to have different production technologies at our disposal and to thoroughly know the peculiarities of each of them to get the most out of each situation. The same result cannot be achieved by outsourcing production.

We have a waterjet machine, a 5-axis milling machine and, as our latest arrival, we bought an LT8.20 from ADIGE - BLM GROUP.

Design engineers also spend time on the machine. Over time they specialize, understand how it works and how to make the most of its potential,” Stijn Slabbinck added. In this way, a creative idea is no longer limited by technical feasibility.

The possibility of smart joints

“The possibility offered by the BLM GROUP’s Lasertube system in terms of interlocking multiple elements is a crucial aspect for organizing production and creating projects. We cut fins and holes that match perfectly on the tubes to be assembled so the welders can focus on the quality of the welding without first having to measure the correct position. In practice, this means that everything fits together perfectly, there are no more errors to correct and we can implement a project more quickly and efficiently.

Our engineers also make great use of the ability to cut tubes on three sides, so that the cut tube can be bent and welded (Cut & Bend technique). This allows construction parts to be quickly assembled without cutting, measuring, clamping in place, etc.,” added co-founder Kris Goubert.

Design as the foundation for production

Time saving starts from the beginning in the design phase. “With Artube, we directly import the 3D models and process the design in 3D, so that we can show it to the customer and can immediately derive the working programs for the machine. The software was a decisive factor in choosing ADIGE as a supplier. We spent a lot of time looking for the right supplier and soon realized that software played a special part and that BLM GROUP differs in this respect.”

Automation with room to grow

“The standard version of the LT8.20 is equipped with a tube bundle loader with a capacity of five tonnes, but this was not very important for us because we do not work on large batches. Therefore, we set up a one-piece loading system with a 6.5 m stepper loader (or chain loader) that the LT8.20 provides at the front and which we fill with many different tubes to be cut one after the other. This saves a lot of work both before and after cutting. It is no accident that automation like this means being able to work with fewer people and grow as a company,” concluded Kris Goubert.