Leading supplier of precision parts for the automotive industry in China, with TRUMPF on board

In a phase of rapid development in the Chinese market for vehicles with alternative drive technologies, known as New Energy Vehicles (NEV), Bojun Technology has capitalized on strategic opportunities by leveraging government funding for independent innovation to respond to the pivotal shift in the international automotive industry. Driven by complete dedication, the company built an extensive production network for automotive parts, transforming itself into a leading supplier of precision parts for the Chinese automotive industry.

Jiangsu Bojun Industrial Technology Co.

[www.URL.de]

Bojun Technology is a leading supplier of precision parts for the automotive industry in China, focusing on areas including punching, vehicle body construction and injection moulding. The company supplies multiple leading manufacturers of New Energy Vehicles (NEVs).

INDUSTRY	NUMBER OF EMPLOYEES	LOCATION
Automotive parts	2,500	Suzhou (China)

TRUMPF PRODUCTS

- TruLaser Cell 8030
- TruDisk

Challenges

Bojun describes its experience working with TRUMPF and using TruDisk as extremely positive. To boost capacity, the company planned to expand its production lines and required an effective cutting solution. Bojun was looking for a system that could boost productivity and cut costs, improve the quality and precision of products and ensure production stability to cope with the demands of large order volumes.

"Our collaboration with TRUMPF not only provides us with top-quality systems but also fosters lasting friendships along the way."

YALIN WU

CHAIR OF THE MANAGING BOARD, BOJUN TECHNOLOGY

Solutions

For Bojun Technology, TRUMPF was the first choice as a company that used mature Industry 4.0 technology. After extensive discussions with TRUMPF China and thorough testing of the product functions, Bojun ultimately opted for TRUMPF's solution. The TRUMPF system was the perfect solution for the challenges Bojun faced in a number of ways, as cutting speed increased by 60%, cutting robustness improved by 20% and overall productivity increased by 15%. TRUMPF's 5-axis 3D cutting machine impresses not only with its high load capacity and precision, but also its wide range of functions. Its sizeable process window meets the requirements of complex processes, the rotary table design facilitates large-scale production, while the simple and intuitive operating software significantly reduces idle time, increases production capacity and lowers costs.

Implementation

The start-up of the TruLaser Cell 8030 has significantly increased productivity and reliability, noticeably boosted cutting speed and made production sequences much more robust. A Bojun service engineer explains: "The ease of use of the TRUMPF software has significantly reduced the time needed for start-up and maintenance of the system, so the production line can now run continuously and efficiently. Thanks to system's high efficiency and load capacity, Bojun's production costs were significantly reduced and production capacity was maximised. This allowed us to meet the demand generated by large order volumes and enabled us to attract even more customers and new business."

Forecast

Looking ahead, Bojun plans to continue to expand its plant and product range, and to continue to rely on TRUMPF products. The goal is to maintain its excellent market position and to satisfy ever-increasing demand.

Find out more about our products

TruLaser Cell 8030

If the rapid growth of the NEV market has you wondering how to manage huge order volumes, the TruLaser Cell 8030 could be the solution. Bojun's success story demonstrates the outstanding power of the TruLaser Cell 8030, tested and proven to meet your needs.

Zum Produkt

TruDisk

The TruDisk is a high-power solid-state laser for the welding, cutting and surface processing of metals. It convinces above all in situations which require the combination of high power and maximum beam quality. The new generation of TruDisk lasers provides you with great advantages, above all due to its much more compact footprint and increased robustness.

Zum Produkt

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