TRUMPF becomes the leading supplier of precision parts for the automotive industry in China

In a phase of rapid development in the Chinese market for alternative drive vehicles (New Energy Vehicles, NEV), Bojun Technology seized the strategic opportunities of government support for independent innovation and the decisive moment of transfer in the international automotive industry. The company put in a lot of energy to build up a comprehensive production network for automotive parts and became the leading supplier of precision parts for the automotive industry in China.

Jiangsu Bojun Industrial Technology Co.

www.sh-bojun.com

Bojun Technology is a leading supplier of precision parts for the automotive industry in China and focuses on the areas of punching, body construction and injection molding, among others. The company supplies numerous leading manufacturers of NEVs (New Energy Vehicles).

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

TRUMPF PRODUCTS

- TruLaser Cell 8030
- TruDisk

Challenges

Bojun describes their experience to date with TRUMPF and the use of TruDisk as extremely positive. In order to increase capacity, the company planned to expand its production lines and needed a cutting solution. Bojun was looking for a system that could increase productivity and reduce costs, improve product quality and precision and ensure production stability to meet the demands of large order volumes.



"By working with TRUMPF, we not only receive systems of first-class quality, but also make lasting friendships along the way."

YALIN WU

PRESIDENT AND CHAIRMAN OF THE
MANAGING BOARD, BOJUN TECHNOLOGY

Solutions

As a company with well-developed Industry 4.0 technology, TRUMPF was the first choice for Bojun Technology. After numerous discussions with TRUMPF China and extensive testing of the product functions, Bojun finally opted for the TRUMPF solution. The TRUMPF system was a perfect solution to the challenges Bojun faced in several ways: cutting speed was increased by 60%, cutting robustness was improved by 20% and overall productivity was increased by 15%. The 5-axis 3D cutting machine from TRUMPF is characterized not only by its high load capacity and precision, but also by its wide range of functions. Its large process window meets the requirements of complex processes, the rotary table design enables large-scale production and the simple and convenient operating software significantly reduces downtimes, increases production capacities and lowers costs.

Implementation

The commissioning of the TruLaser Cell 8030 has enormously increased productivity and reliability and significantly increased the cutting speed; the production processes are now much more robust. Bojun technicians say: “The ease of use of the TRUMPF software has significantly reduced the time required for commissioning and maintenance of the system, so that the production line can now run continuously and efficiently. Thanks to the high efficiency and resilience of the system, Bojun's production costs have been significantly reduced and production capacity has been expanded to the maximum extent possible. In this way, the demand created by the many orders was covered and we were able to acquire even more customers and orders.”







Forecast

Looking to the future, Bojun plans to further expand its plant and product range and continue to rely on TRUMPF products. The aim is to maintain the company's excellent market position and satisfy the constantly growing demand.

Find out more about our products



TruLaser Cell 8030

If you are concerned about how to cope with the enormous order volumes in view of the rapid development of the market for NEV vehicles, the TruLaser Cell 8030 may be able to help you. With its success story, Bojun has already tested the outstanding power and ultimate performance of the TruLaser Cell 8030 for you.

Zum Produkt



TruDisk

The TruDisk is a high-power solid-state laser for the welding, cutting, and surface processing of metals. It impresses 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

Updated: 2024-08-23