

FLEXIBLE COBOT MAKES CNC MACHINING MORE EFFICIENT



Since its establishment in 1999, Almexa has manufactured advanced high-quality aluminum solutions for customers at home and abroad on its CNC machines.

Almexa has a special focus on industries where international competition is fierce. The company wanted to increase its productivity and capacity within the existing framework. Therefore, Almexa invested in its first UR robot (UR5).

It was a requirement that the UR robot was both safe and stable and that it could function without space-consuming security fencing. And then it had to solve the main challenge: continuous lifting of aluminum blanks in and out of the company's CNC equipment.

Stable and safe

UR5 Cobot

Almexa A/S, Odense

“ We were amazed at how easy it was to program the UR robot. We attended a half-day course and then we could easily run the production. ”

Roar S. Greinert, holding founder and CEO, Almexa A/S

“ Most blanks need to be processed in multiple tempi. A correct temperature is often crucial in terms of ensuring an optimal and precise production of uniform blanks in the next machining phase.”

Roar S. Greinert, holding founder and CEO, Almexa A/S



THE SOLUTION

The user-friendly UR5 cobot was profitable in no time, especially because the reliable automation solution constantly contributes to a high uptime on the company's CNC equipment.

INCREASED FLEXIBILITY AND COMPETITIVENESS

Almexa chose UR5 which has given the company both greater flexibility and productivity. The company can now meet the growing demand.



ALMEXAS BENEFIT

Almexa has achieved a faster conversion which means that the company can compete on smaller series in a better manner. With the investment in a UR5 solution, the company is able to move faster on smaller tasks. This makes it more profitable, attractive and it paves the way for Almexa to scale.

With the UR5, Almexa's flexibility and competitiveness have been increased because the investment has reduced the wage share and improved the company's productivity. One of the additional gains lies in the quality dimension. With the UR5, it has been possible to maintain the temperature of the individual blanks that come out of the CNC machine.

In relation to both current and potential customers, Almexa experiences that it is a positive selling point that they chose to invest in a UR solution, and according to CEO Roar S. Greinert, Almexa has not yet made the last investment in UR cobots.