First step, big impact

After a quick tour of Schmidt GmbH in Dahlewitz near Berlin, which had gone bankrupt in 2016, Ralf Stirl instantly saw its potential. But it was clear to Stirl from the beginning that he had to fundamentally change the job shop. Faster and more flexible production: This was the Brandenburg contract manufacturer's aim. The solution: step-by-step adaptation of the in-house production to Industry 4.0 standards. Together with Smart Factory experts, all process steps were analysed and optimisation measures initiated. The initial successes? Impressive!

FBT Feinblechtechnik

www.feinblechtechnik.de

From the initial idea and the assembly of individual parts to series production – FBT Feinblechtechnik produces high-quality parts for mechanical engineering, the electrical industry, rail vehicle technology, medical technology, the chemical industry, equipment engineering as well as appliance, container and systems engineering.

INDUSTRY	NUMBER OF EMPLOYEES	LOCATION
Mechanical engineering	10	Dahlewitz (Germany)

Challenges

With its machinery in Brandenburg, FBT Feinblechtechnik focuses on laser cut parts, edge parts and welded assemblies made from stainless steel, aluminium, copper and brass of up to 5 mm. In order to be able to respond more flexibly to customer orders and produce more quickly in the future, FBT dared to take the first step towards a Smart Factory - with TRUMPF as their partner.

Solutions

The Smart Factory experts examined all process steps within the machine shop, starting with the inquiry and order confirmation through to production planning, programming and dispatch. The first optimisation measure at FBT was quickly identified: a new shop layout would ensure an optimal process flow. This "lean management" means designing processes so that they run with as little waste as possible, i.e. cutting transit times or eliminating searching times.

"Step by step to a Smart Factory – working together with TRUMPF as a partner That is my motto, and we have made a start."

RALF STIRL
FBT FEINBLECHTECHNIK GMBH

Implementation

TRUMPF consulting focuses on helping people to help themselves. This means that consultants therefore propose solutions that are examined, discussed, developed and finally implemented together with the customer. At FBT, machines that no longer match the production profile or were too old were sold to make space. Along the process steps, other machines were installed in a U-shape within the production shop. This has enabled everything to be optimally located immediately, with processes running according to specified standards. The company now completes external cutting in one day instead of 15 by using its new TruLaser 3030 programmed with the TruTops Boost software.

Forecast

Increasing system consistency is among the next steps that the Smart Factory experts at TRUMPF want to achieve. But FBT does not want to change too much all at once. "Step by step to a Smart Factory – working together with TRUMPF as a partner". That is the company's motto, and the process is underway.

From the initial idea through to implementation, TRUMPF accompanies you on your path to a Smart Factory. And we know that no two paths are ever the same. That is why our solutions are as individual as you are. Together with our experts, you systematically plan the next steps in your connected sheet metal processing.