



INDUSTRY: Defence

PROJECT: Part identification/tracking

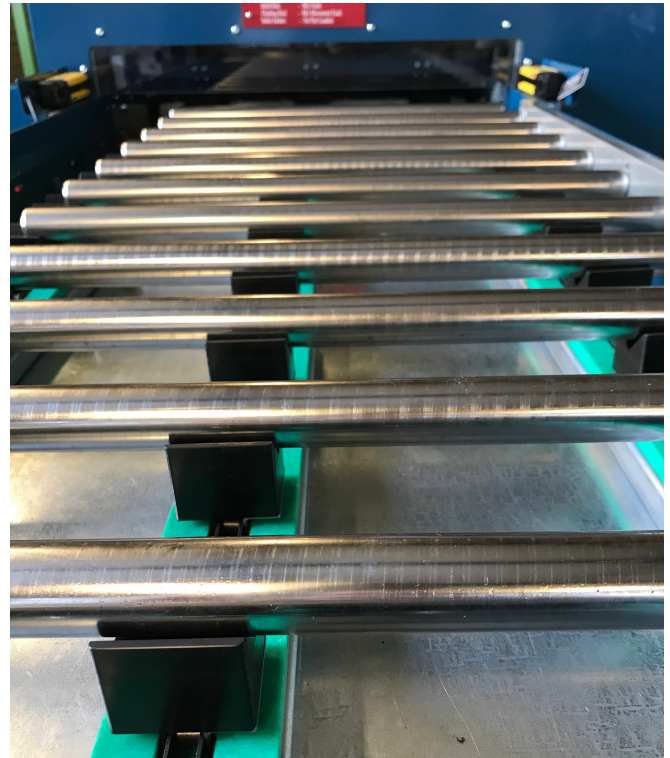
CUSTOMER: Steel pin manufacturer

THE CHALLENGE

The challenge for this project was to design a system to dot mark fulcrum steel pivot pins for our client for identification and tracking.

The machine was required to move the steel pins, position them individually and then perform the identification marking on one end.

There were a number of different lengths, shapes and diameters to consider as well as some components being hollow so required marking on a pitch circle diameter.



THE SOLUTION

Our team has designed a bespoke stand-alone machine with a part-transfer system incorporating a Telesis Dot Peen Marker.

The steel pins are loaded manually on to the conveyor and then positioned and dot marked with the relevant identification. The pins are then collected in a tote storage bin.

This versatile system adjusts automatically according to the different pin lengths, diameters and shapes as required by the client to ensure correct positional marking. It was vital for this client that each pin could be easily identified for tracking purposes.



GET IN TOUCH

TF Automation is a team of dedicated designers and engineers working with manufacturers across a wide range of industries on process automation projects. With over 40 years' experience, we have the ability to assess and understand the needs and requirements of each individual project and customer ensuring the optimum solution.

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