March 2020

PRECISION ENGINEERING PLASTICS LTD

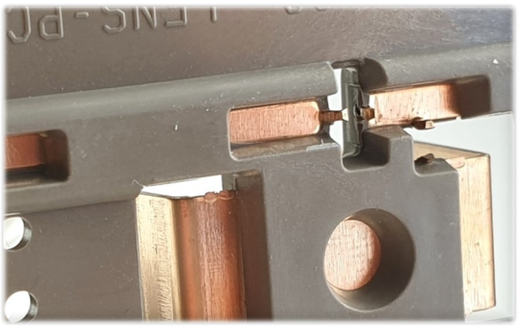
VERTICAL MOULDER

Case Study 01: Theory vs Production

2 minute read

The Client

A market leader in the manufacture and supply of automotive components for over 60 years, came up with a new product that required electronic contact insert moulding. Projects of this nature had previously been handled in-house and in theory this project was to be no different.



The Problem

When it came to producing the parts with the tooling sourced from the Far East, they encountered some serious problems preventing scale production and ultimately putting the program on hold.

This is where PEP came to help. With our expertise in complex insert mouldings and our fully equipped in-house toolroom we were able to conduct the R&D and tooling modifications required to solve the problem, on site in real time. Ultimately the issue related to the accurate positioning of the metal inserts within the tool prior to moulding.

With available capacity and the right equipment, using our vertical rotary table injection moulding machine the parts were now consistently meeting the critical requirements at the specified production run rates.

PEP's in-house toolroom and expertise meant we were able to modify the tool and run samples on the vertical moulding machine in such an efficient timeframe that we got the program back on schedule for this major OEM.

"PEP are a company that identify solutions and deliver on it's promises "

-Technical Director

3 Bottom Half Rotary Table Vertical Moulding Machine

Precision Engineering Plastics LTD ● 1063 Mollison Avenue ● Enfield ● London ● EN3 7NJ

Tel: 020 8443 3945

Mob: 07985 199 454

kevin@pep-ltd.co.uk ● www.pep-ltd.co.uk

Moldex3D MOLDING INNOVATION

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