

Corporate Presentation



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September 2021

Corporate Presentation

Corporate Information

Products and Services

Engineering and Quality

Corporate Information

- **Incorporated 1965 based in Ilkeston, Derbyshire, UK**
- **Specialising in:**
 - **Precision Injection Moulding**
 - **Progression Metal Pressing**
 - **Insert Moulding**
 - **Laminated Foil Connectors**
 - **Tool Making**
 - **Assemblies**
- **Affiliate company presence in UK and mainland Europe**



Corporate Information

R A Labone

- Turnover: £10m
- Employees: 110

Affiliated Group

- Turnover: €60m
- Employees: >650

2019 Figures



Affiliate Company Locations

1965 **Labone**

1969 **LABONE**
Castleside Limited

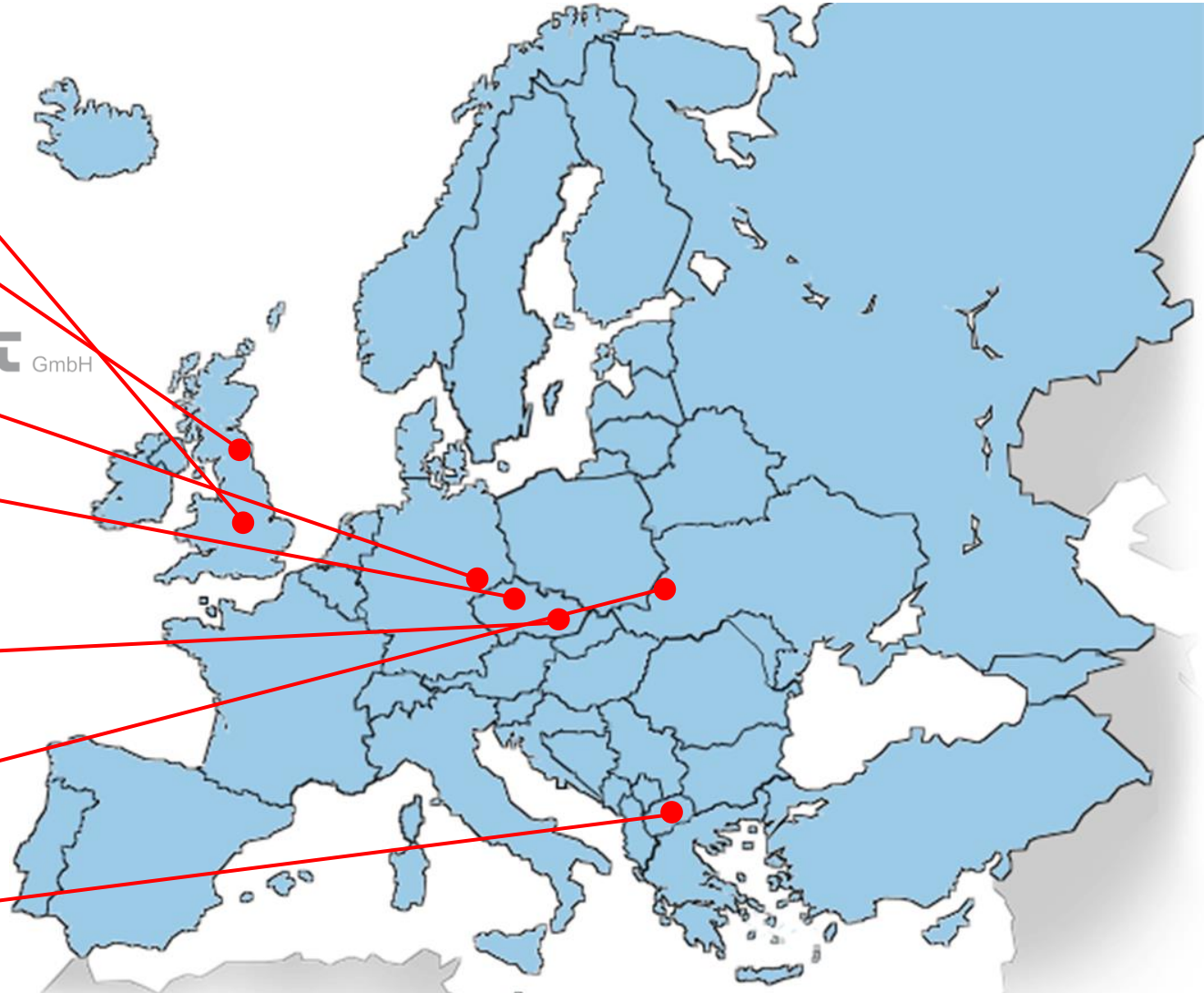
1991 **ACCOMPLAST** GmbH

1998 **HPQ**
HPQ - Plast s.r.o.

2002 **Z^{lin}P**
S.r.l.
precisión

2007  **INA**

2016 **IMP**



Quality Accreditations

- **IATF 16949-Automotive**
- **ISO 13485-Medical**
- **ISO 14001-Environmental**
- **ISO 9001**



Business Sectors

- **Automotive (60%)**
- **Medical**
- **Healthcare**
- **Life Safety**
- **Leisure**
- **Electrical**
- **Business machines**
- **Telecommunications**



Injection Moulding

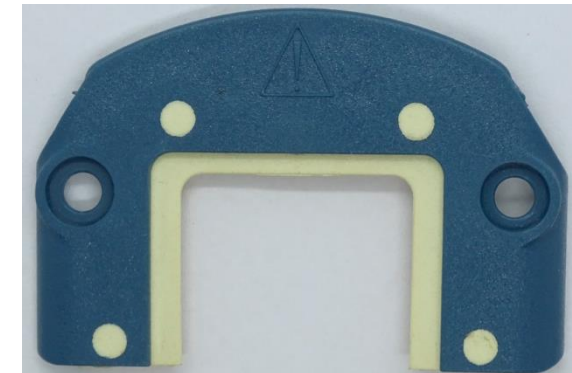
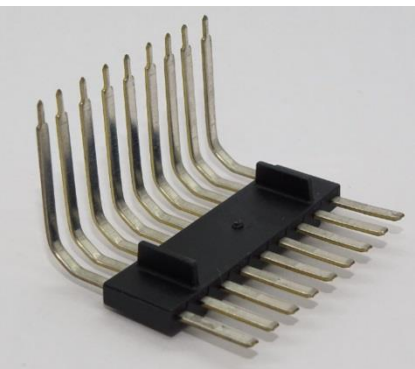
- Modern Arburg & Engel machines
- 6 to 1100 tonnes available in Group
- Horizontal, Vertical, & Rotary machines
- Twin Shot Moulding
- Low Pressure Moulding



Injection Moulding

- **Insert & Over Moulding**

- Increase strength, functionality and manufacturability
- Used in fuel systems, fluid & air tight sealing applications and connectors



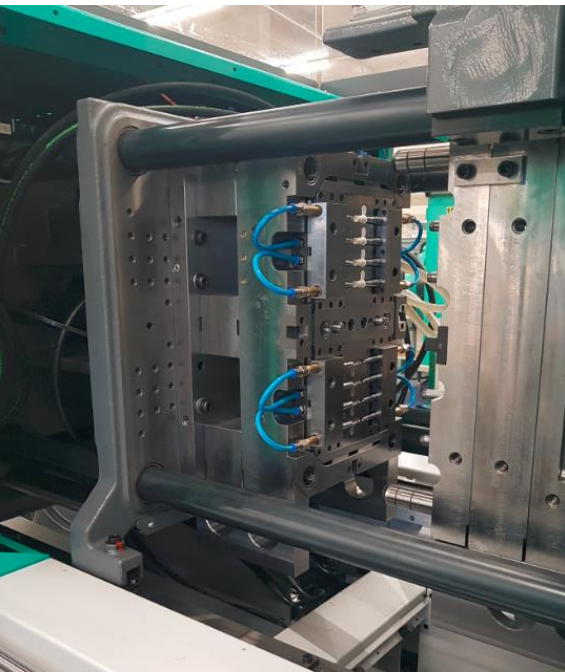
Injection Moulding

- **The use of Automation**
 - Using robot load and unload systems combined with part-specific jigs and fixtures we can manufacture high-volume insert moulded components in the most cost-effective manner.



Twin Shot Moulding

- The twin shot moulding process allows two different materials to be injected into the mould tool during the cycle.
- This eliminates a separate over moulding operation, reducing costs and speeding up delivery of components.



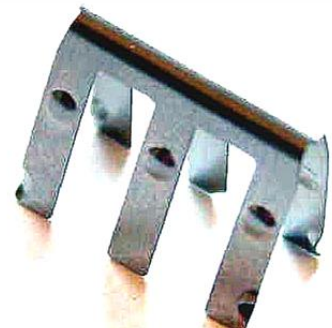
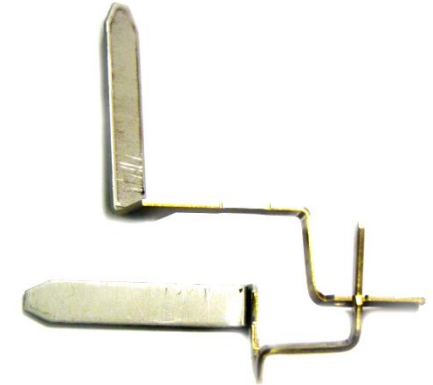
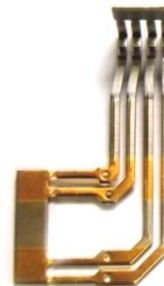
Low Pressure Moulding

- **Thermoplastic polyamides protect components against:**
 - **Water, dust and contaminant ingress**
 - **Vibration**
 - **Temperature fluctuations**
- **Injection at low temperature and pressure ensures components are protected during moulding.**
- **Aluminium tooling minimises cost and lead-time**



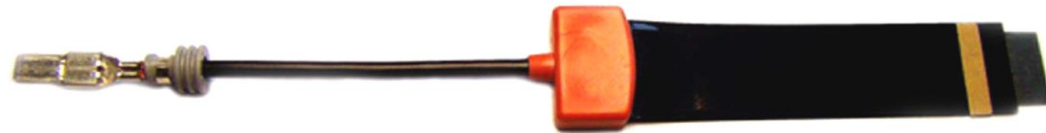
Metal Pressing

- Machine range from 30 to 100 tonnes
- Wide range of ferrous and non-ferrous materials
- Many pressings manufactured for use in our insert moulded components
- Selective plating improves performance and cost efficiency



Laminated Foil Connectors

- **Flexible connectors using laminated copper foil**
- **Uses include:**
 - **Heated automotive screens**
 - **Antenna and GPS connections**
 - **Solar panels**



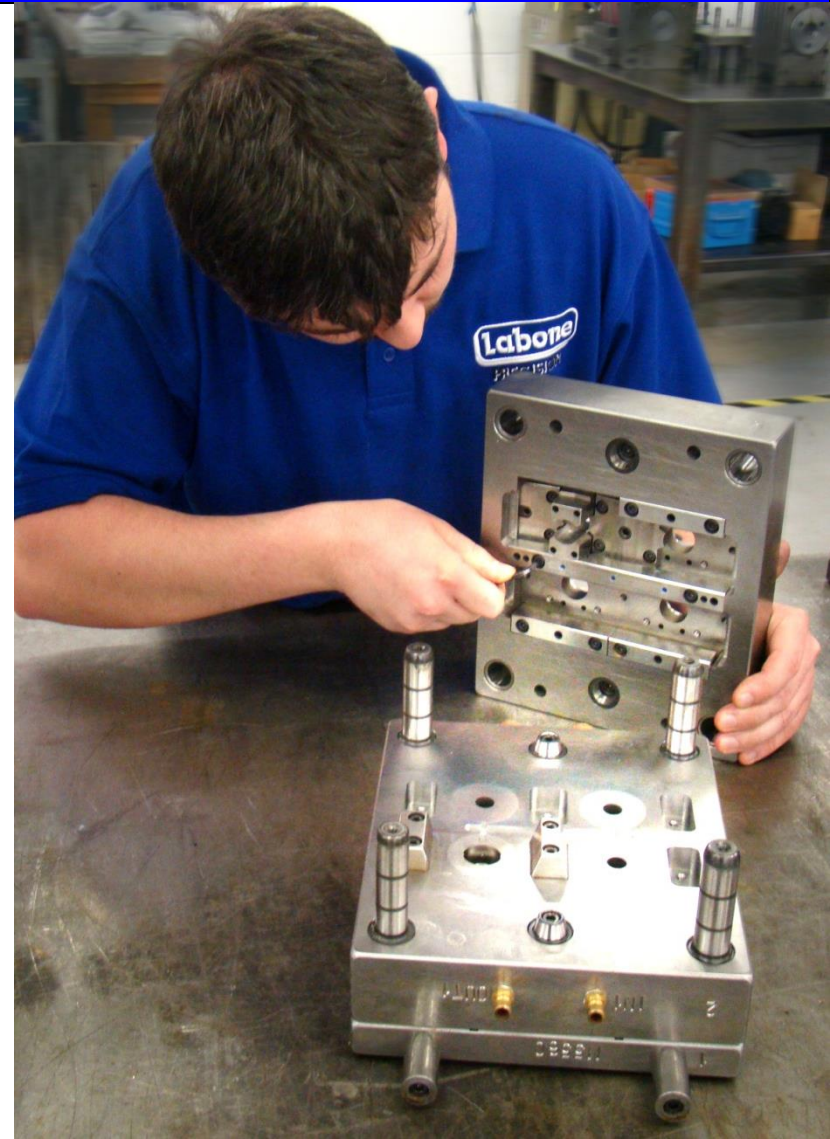
Other Operations

- **Cable Stripping and Termination**
 - Fully automated Komax cuts cable to length, strips, applies seal, and terminates



Tool Making

- **In-house tool design and manufacture**
- **Contract tooling from approved suppliers**



Tool Making

Toolroom Equipment

- Die Sink EDM
- Wire EDM
- 3-axis CNC
- Heat Treatment
- Surface grinding
- Centre-less grinding
- Mill
- Lathe



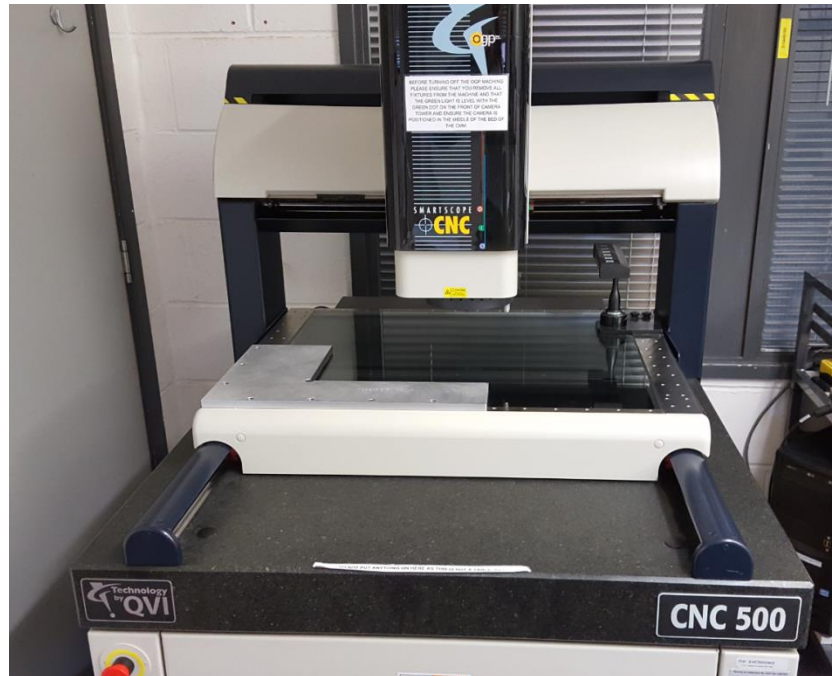
Quality Service

- **Lab Equipment**
 - **CMM**
 - **Contact**
 - **Non-contact**
 - **Tension/Compression tester**
 - **Hardness tester**
 - **Gauging to customer specification**



Quality Service

- **Lab Equipment**
 - **CMM Contact/Non contact**
 - **3D Scanning**



Company Vision



**New building constructed for increased manufacturing space.
Completion November 2021.**

Thank You



www.ralabone.co.uk



Tel: +44(0)115 944 8800

Email: sales@ralabone.co.uk