



**50** YEAR ANNIVERSARY

# CAPABILITY STATEMENT

Year founded **1973**  
 Legal Status **Limited Company**  
 Turnover **3.6m**  
 Site **3,000m<sup>2</sup>**  
 Total staff **47**



Certificate Number 14510

## CORE COMPETENCIES

- **Technical Plastic injection moulding**
- **Overmoulding**
- **Bespoke cable assembly**
- **Finished product assembly**
- **Class 7 Cleanroom**



## COMPANY OVERVIEW

50-year history as a supplier to UK and global manufacturing industry of high-quality injection moulded assemblies, cable assemblies and components. Specialising in precision moulding and overmoulding of parts from 0.5g to 450g using thermoplastic polymers. Batch sizes from 1 to 1 million.

## QUALITY CERTIFICATION

**ISO 9001:2015** quality accreditation and full quality assurance and traceability process

Accreditation by Alcumus ISOQAR.  
 Certificate No: 14510

All products are subject to our QA process of measurement and inspection plus PPAP, SPC etc as required

## MATERIALS USED

ABS (Acrylonitrile Butadiene Styrene)  
 LCP (Liquid Crystal Polymer)  
 PA (Nylon or Polyamide)  
 PBT (Polybutylene Terephthalate)  
 PC (Polycarbonate)  
 PE (Polyethylene)  
 PMMA (Acrylic)  
 POM (Acetal or Delrin)  
 PP (Polypropylene)  
 PPA (Polyphthalamide)  
 PPS (Polyphenylene Sulfide)  
 TPE (Thermoplastic Elastomer)  
 + many more

Injection Moulding Machines		
Machines	Qty	Clamp force (Tons)
Arburg 220	2	15
Boy 22s	7	22
Arburg 221 Allrounder	7	25
Boy 25 EVH	2	25
Negri Bossi V40	1	40
Boy 50T2	1	50
Boy 55M	1	55
Boy 90E	1	90
Arburg 470s	2	130
Arburg 470s	1	150
Negri Bossi Canbio ST 180	1	180

Cable Processing Equipment		
Machines	Qty	Category
Komax Kappa 310	1	Cable Cut & Strip Machine
Schleuniger CS9050	1	Cable Cut & Strip Machine
Schleuniger Multistrip 9480MS	1	Cable Cut & Strip Machine
Komax Mira 230	2	Cable Strip Machine
SchleunigerUniStrip 2015	4	Cable Strip Machine
Schleuniger MP8105	1	Cable Strip Machine
Jacket Stripper	3	Cable Strip Machine
Schleuniger CS5400	1	Cable Strip Machine
Crimp Machine	5	Crimp Machine
Schleuniger RC3250	1	Heatshrink Cut Machine
Harwin Splice Machine	2	Splicing Machine

## SERVICES & FACILITIES

Cleanroom:  
 Rapid Prototyping Capability:  
 Design:  
 CAD Software:  
 Assembly:  
 Technical Moulding:  
 Testing & Inspection:  
 Cooling / Temperature Control:  
 Other Equipment:

Tool Makers:  
 Tool Storage Area:  
 Production Software (ERP):

Class 7 ISO13485 Certified 4 x 4m housing moulding & assembly ops  
 3D Printing (FDM & SLA)  
 CAD / DFMA / Prototyping / Material selection  
 Solidworks Plastics with Mouldflow  
 Cable Assembly / Electronic / Soldering and mechanical  
 Multi shot mouldings / Insert moulding / Overmoulding  
 Vernier / Micrometer / Electrical / Force / Moisture / Mondo Optical Measurement  
 Adiabatic Air Blast Cooling / Polymer drying solutions  
 Schleuniger & Komax cable handling, Branson sonic welding, Milling, Turning, Tampo / Pad Printing  
 Subcontract from UK to Far East  
 On site storage  
 123insight



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