



50 YEAR ANNIVERSARY

CAPABILITY STATEMENT

Year founded **1973**
 Legal Status **Limited Company**
 Turnover **3.6m**
 Site **3,000m²**
 Total staff **47**

CORE COMPETENCIES

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



Certificate Number 14510

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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