



# CAPABILITY STATEMENT

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



## CORE COMPETENCIES

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



## COMPANY OVERVIEW

For over 50 years, Inoplas has supplied the UK and global manufacturing industry with high-quality injection moulded assemblies, cable assemblies, and components. We specialise in precision moulding and overmoulding parts, and can produce parts ranging from 0.08g to 450g using thermoplastic polymers, with batch sizes varying from 1 to 1 million.

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
Boy 25 EVH Micro	1	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
Schleuniger UniStrip 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

## 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)
- PEEK (Polyether Ether Ketone)
- PMMA (Acrylic)
- POM (Acetal or Delrin)
- PP (Polypropylene)
- PPA (Polyphthalamide)
- PPS (Polyphenylene Sulfide)
- TPE (Thermoplastic Elastomer)
- + many more

## 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 housing both moulding & assembly operations**  
**3D Printing (FDM & MSLA)**  
**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 the UK to the Far East**  
**On-site storage**  
**123insight**

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