



CAPABILITY STATEMENT

Year founded **1973**
 Legal Status **Limited Company**
 Turnover **3.6m**
 Site **3,000m²**
 Total staff **50**

CORE COMPETENCIES

Technical Plastic injection moulding
Overmoulding
Bespoke cable assembly
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.

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 Sulphide)
 TPE (Thermoplastic Elastomer)
 + many more

Injection Moulding Machines (28)		
Machines	Qty	Clamp force (Tons)
Arburg 220	2	15
Boy 22s	7	22
Arburg 221 Allrounder	6	25
Boy 25 EVH	3	25
Boy 25 EVH Micro	1	25
Negri Bossi V40	2	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 Multistrip 9480MS	1	Cable Cut & Strip Machine
Schleuniger B340	1	Cable 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
Auto Crimp Machine	5	Crimp Machines
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 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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