

# Ophardt Hygiene Ireland Limited

## Break the Chain of Infection

- Ophardt Hygiene Ireland located in Ballymote since 1983.
- Manufacturer of Hygiene solutions:
  - Dispensers, manual & touchless
  - Pumps, disposable and permanent.
  - Smart technology solutions.



## ENGINEERING FUNCTION

- Utilise both Solidworks & Pro E

### Engineering disciplines

#### - Steel work

- Metal pressings
- Progression press-tools
- Lever Manufacturing
- Production turning

#### - Mould design and manufacture.

- Mould manufacture
- CNC programming for cavity / core machining.

#### - Polymer processing

- Injection moulding
- Polymer choice.
- Over-moulding

#### - Product design

- Concepts – next generation.
- 3D Printing - Ultimaker
- Marketing input

#### - Assembly Automation

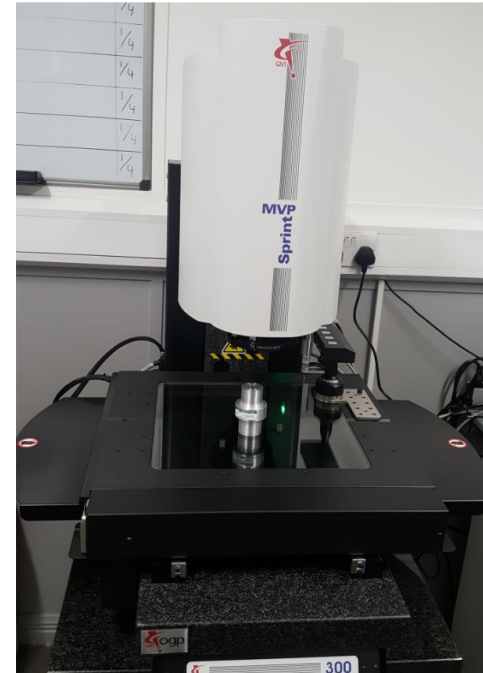
- Identify opportunities for auto-assembly
- Automation cell manufacture
- Programming & debug
- Handover to production

#### - Test Laboratory Engineering

- Lab View technology (pump dose measurement)
- Uson vacuum / pressure testing
- Aging ovens
- Life Cycle test equipment
- Force testing
- Viscosity testing
- CMM

## Mould Making Capability

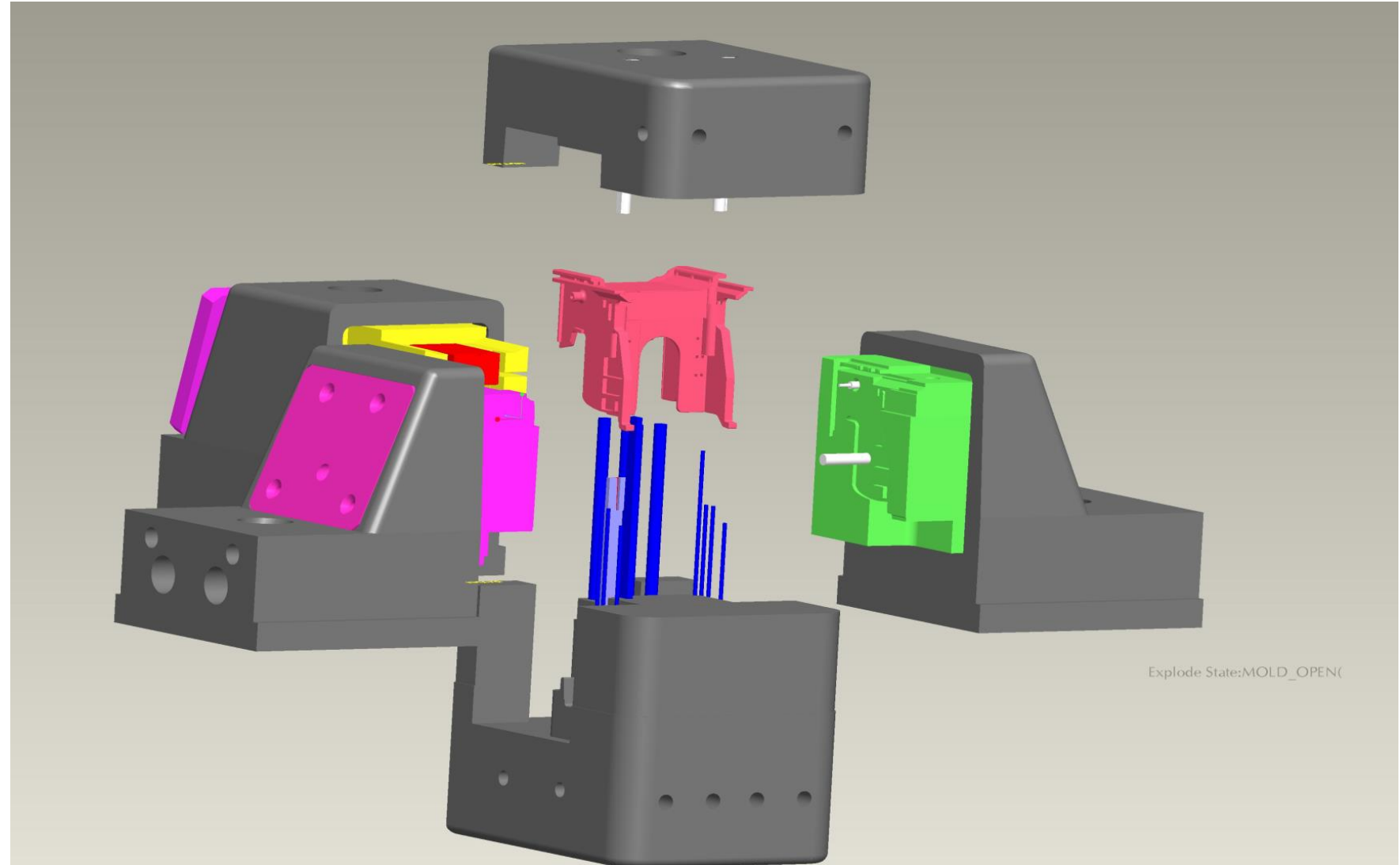
- Mould Design
- 3D Printing
- Prototypes
- Tool Build
- Tool Maintenance
- Range of machinery
  - CNC Milling
  - CNC Lathes
  - Surface Grinders
  - Cylindrical Grinders
  - Wire Eroders
  - Spark Eroders
  - CMM measuring



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Solidworks  
generated mould  
design for  
Core, cavity and  
side cams of  
dispenser  
component.





## Moulding capability

- 30 tonne – 350 tonne
- All Electric, Hydraulic & Hybrid Machines
- Hot Runner technology
- Central drying and granulate feeding system
- Over-mould processes with automated insertion of components



## Three Piece Pump Automation Cell

### Automation Capability

Utilizes two 130 tonne moulding machines, with robots and automated assembly stations for pump assembly, testing and capping.

