



Award winning manufacturing

Andel Plastics are proud winners of the Plastic Industry Awards in 2015, 2016 and finalists in 2018 and 2019.

Our Managing Director Helena Flowers is the winner of the Woman who Achieves award 2019



MADE IN THE
MIDLANDS
Manufacturing Achievement
Award Winner 2015



intelligent engineering





Introduction

Moulding the future of plastics

Formed in 1975, Andel is now under 2nd generation ownership

Located centrally in South Birmingham, serving the UK and Europe

Turnover – £2 million with 30 full time employees

Manufacturing specialists

Toolmaking

Injection moulding

Class 7 Classroom

Ultrasonic Welding

Component assembly

Magnetic components and materials

Sectors

Medical, Automotive, Plumbing, Signalling, Consumer products.

intelligent engineering





All our tooling is designed using our expertise in injection moulding, to achieve a robust design.

Our inhouse toolroom offers maintenance free reassurance on tooling manufactured and moulded in house.

Vast experience in Auto-unscrewing tools, collapsible cores and overmoulding tooling.

'The quality of an injection moulded component depends on both good component design and the accuracy of the mould tool.'

We continue to invest in the latest machinery and automation to meet Industry 4.0 requirements and the demands for recycling and waste reduction.



intelligent engineering





Class 7 Cleanroom offering assembly and packaging services for medical devices, single use instruments and procedure packs.



We offer assembly jigs, fixtures and services.
Ultrasonic Welding
New service of component printing coming in 2019



Certified to the ISO9001:2015
Quality Assurance Standard

intelligent engineering





Moulding partnerships

Maxmag Moulded Magnets is the most recent carnation of Dynacast Industries, who invented the method by which we injection mould a fully magnetized component.

Previous names before current ownership in 2007

- ⌚ Boxmag Rapid | Antar Equipment | Maxmag Precision Magnets
- ⌚ Our north American distributor is called Enerspec LLC

Located centrally in South Birmingham, serving global markets, all our manufacturing is done in the UK

Turnover – £300'000 with four full time employees.

Sectors include : Electronics, Pumps, pneumatics, Metering equipment.

intelligent engineering





All our toolmaking is done by our inhouse toolroom. Due to the aggressive nature of magnetic material, good tool maintenance is key to the lifespan of the tool and quality of the components. Being able to offer this service in-house enhances the productivity of a magnet mould tool.

Our magnets are moulded from a ferrite filled polymer, in the base of choice, nylon, PPS etc. It is during the moulding process that we create and orientate the magnet fields required by our customers.

Using the injection moulding process enables us to overmould and insert mould onto spindles and brass bushes, eliminating post op gluing and assembly.



intelligent engineering

