

# Factory 1: Specially Engineered Products

This factory is dedicated to the manufacture of a staggering range of specially engineered lead products covering a broad spectrum of sectors.

## Machinery List and Capacities

### Machine Shop

#### CNC Turning

Victor Europe

3 axis – Vturn II – 26

Leadwell CNC

2 axis – Hi Tech 200C

Daewoo

3 axis – Puma 200MC

bar feeder

#### Vertical Milling Machines

Geiwont milling machine

WA327

1000mm x 300mm bed size

Excel milling machine x 2

1000mm x 400mm bed size

Gate milling machine

1000mm x 400mm bed size

#### Butler T Elgamill Bed Miller

2150 long x 1000 high x 980 wide

Complete with DRO

#### Vertical Milling Centre

DMG

DMC 103V with 4th axis

1100mm x 400mm bed size

#### Router

Wadkin routing machine

1500mm x 500mm bed size

#### Centre Lathes

Harrison

M500

350mm diameter x 2000mm long

Colchester

Mascot 1600

300mm diameter x 1500mm long

Wadkin milling machine

c/w rotary table

1000mm x 600mm bed size

Up to 1000mm diameter

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### Various Inspection Measuring Equipment including:

- Baird spectrometer
- A R L spectrometer
- Faro gold arm

## Fabrication Department

### Keytona Hydrofrom MUF8

3mm thick x 3000mm steel

### LVD Press Brake

8mm thick x 300mm long up to 3mm thick x 3000mm long steel

### Shearmaster Guillotine

3mm thick x 3000mm long steel

Fabrications up to 5000mm x 5000mm x 3000mm and up to 10tonnes can be handled.

### Welding: We have large variety of cutting and welding equipment

M.I.G., T.I.G and Manual arc

Lead welding

Lead, Carbon Steel, Stainless Steel and Aluminium with coded welders

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## Cold Heading Machines

2 machines for cold deformation of wire. Typical wire size form 2mm to 6 mm diameter.

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## Material Handling

**Fork Lift Trucks** – 3 x 3 tonne capacity fork trucks

**Overhead Cranes** – 1 x 5 tonne. 1 x 10 tonne

**Vacuum Lifter** – 2 x 2 tonne capacity

Contract lifting can be arranged for work above 10 tonnes

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## Various Other Equipment and Machinery

Continuous lead strip casting machine

Shot spinning plant

Hydraulic and mechanical forging presses

Large selection of melting pots ranging from 150 kilo capacity up to 60,000 kilo capacity

Ultrasonic degreasing plant

Pressure diecasting machines

Lead wool machine

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## Product Ranges

Lead shot 0.04mm to 1.6mm diameter

Lead filled steel vessels up to 75,000 kg

Lead castings from a few grams up to 10,000 kgs

Automatic and semi-automatic pressure diecasting machine up to 3000 grams

Lead extrusions 2mm diameter to 160mm diameter (including sleeves & pipe)

Lead chevron plates 100mm high and 6mm thick to 50mm thick (chevron mating on all 4 edges)

Forging work up to 1000 grams

Lead chevron bricks – standard sizes 50mm and 100mm thick

Lead wool used for corking and as a component in gas detection equipment