

George Taylor & Co. (Hamilton) Limited

Resume

Our jobbing/semi repetition Foundry specialises in the production of Spheroidal Graphite (ductile), Grey (Flake) and Austempered Ductile Iron (ADI) Iron Castings up to 3000 Kg with a weekly capacity of 80000 Kg. Castings can be supplied fully machined as 'ready to assemble' components and we also provide additional services that include heat treatment processes and surface finishes.

Metals Cast

Up to 3000 Kg for Iron

Moulding process – Novaset Chemically Bonded Sand

Core processes – Novaset and Shell

<u>Metal</u>	<u>Standard</u>	<u>Grade</u>
SG Iron (Ductile)	BS EN 1563:1997	All grades
Grey Iron	BS EN 1561:1997	All grades
Austempered Ductile Iron	BS EN 1564:1997	All grades (min 500 Kilos)

Supporting Processes

In-house

Shotblasting

Machining

Fabrication

Assembly

Sub-contracted

Pattern Making

Stress Relieving

Normalising

Austempering

Annealing

Flame hardening

Painting

Electroplating

Laboratory/Analytical Processes

In-house

Spectrometer

Ultrasonic testing

Hardness testing

Crack detection

Mechanical Testing

Chemical Analysis

Co-ordinate measurement

Sub-contracted

Mechanical Testing (NAMAS approved)

Chemical Analysis (NAMAS approved)

Radiography

Products

Impellers, Rotors, Valves, Crankshafts, Hydraulic Motor Cases, Casings, Cylinders, Flywheels, Bearing Housings, Spring Guides, Trunnions, Switchgear Boxes & Covers, Sheaves, Pulley Wheels, Winch Drums, Side Plates, Clamping Rings, Adaptors, Axle Boxes, Ornamental etc.

Markets

Pumps, Compressors, Valves, Mineral Processing, Rail Transportation, Offshore, Lifting Gear, Automotive, Mechanical Handling, Earthmoving, Tipper Trucks, Architectural & Ornamental, Electrical Machinery, Forklift Trucks, Braking Systems etc.

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Quality Approvals

Det Norske Veritas - BS EN ISO 9001 : 2000
Det Norske Veritas - Manufacture of SG Iron (Ductile)
Lloyds - Manufacture of SG Iron (Ductile) and Grey Iron
Lloyds - Manufacture of Crankshafts

Foundry Output

Jobbing and Semi-repetition

Machinery & Equipment

3 off 25 Tonne Sand Silos
3 off Ashland Sand Mixers
Omega Bottom Blow Shell Core Machine
Omega 12 Litre Coreshooter
2 off Omega 5 Litre Coreshooter
2 off 1 Tonne Inductotherm Electric Melting Units
Richards Attrition Reclamation Unit
Centrablast Barrel Blast
Centrablast Table Blast
Hodge Clemco Pot Blast
2 x 5 Tonne Overhead Crane
1 x 3 Tonne Overhead Crane
Various Pedestal Jibs
Computerisation – 10 Station Network operating via Microsoft Small Business Server incorporating, Computer Aided Production Management Systems, Accounting, capability to read CAD drawings, Microsoft Exchange, Word etc.

Compressors

Atlas Copco 220 CFM
2 - Hydrovane Compressor (1 Variable speed drive)

Fast Loop

Omega Semi automated, high volume Mould Production Cell with Pattern Recognition and Production System (20 Tonne/ hr Mixer)

Dressing Shop

Atlas Copco Air Angle Grinders
Straight and Die Grinders
Pedestal Grinders

Location

Nearest Airport – Glasgow 15 Miles

Directions from the South

Leave M74 Motorway at Junction 6 marked for Hamilton/Motherwell

Directions from the North

Leave M74 Motorway at Junction 6 marked for Hamilton/Motherwell