



MAYO

ENGINEERING LTD



MODTECH
MACHINES PVT. LTD.

INTERNATIONAL FOUNDRY EQUIPMENT MERCHANTS

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**We offer for sale by Private Treaty
The Equipment, Machinery and Sundry Items following
the closure of **Stones Foundry**, of Charlton, London,
United Kingdom**



Investment Foundry

Modtech T12 Wax Injector Top Injection 12 Tonne Clamp Force

FRG Gas Mould Firing Oven 1 metre cube Firing Area

Greif Double Ended 4" Backstand Linisher

Morrisflex-Greif Backstand Linisher/Polisher with 2" and 4" linisher wheels and Free Standing Dust Extractor

Inductotherm 50kg Hydraulic Tilt Furnace Body with Power Pack

Inductotherm 25kg Manual Roll Over Furnace

Modtech 900mm x 900mm Fluidised Beds x 2, complete with Dust Extraction Hoods and Separate Blowers for each Fluidised Bed

Modtech 900mm x 900mm Slurry Mixer

Separate Fluidised Bed Blower (Suitable for 900mm Fluidised Bed)

Mould Drying Fans x 5

Maymar Free Standing Wax Tank 100 litre

Maymar Free Standing Wax Tank 50 litre

Maymar Hot Plate

Harben P Type High Pressure Water Pumps x 2

One pump totally rebuilt, and unused since rebuild, also with considerable quantity of new spare parts

Various Mould Hooks, Mould Nuts and Shell Drying Trolleys

Raw Materials..

Salamander Crucibles AY602 30lb Capacity 6 off Boxed

Foseco Pouring Filters 2 Boxes

Foseco Coverall 94 6 New Bags

Molochite 16 – 30 Grade 3 New Pallets estimated at 3000kgs

Molochite 30 – 80 500kg of New Bags

Molochite 200 Flour 2.5 New Pallets estimated at 2500kgs

R & R Rano-Sil Flour 10 New Bags

Microzar Zircosil Sand 20 New Bags

Sand Foundry

CM Shotblasting Model L50 Continuous Rubber Belt Shot Blast Machine Showing 7577hrs

FMS 10 Ton Per Hour Articulated Continuous Sand Mixer with 3 Pumps and Control Panel

5 Ton Per Hour Continuous Sand Mixer with 3 Pumps, Control Panel, Hopper, Compact Free Standing Sand Tank and Sand Blower

Fordath 20 Ton Per Hour Twin Trough Continuous Sand Mixer with 3 Pumps and Free Standing Sand Hopper

IMF 20 Ton Per Hour Continuous Sand Mixer with 3 Pumps Updated by FMS 06/03 S/N 1207

Omega 1 Ton Per Hour Continuous Core Sand Mixer with Free Standing Sand Hopper

FMS Mould Rollover and Track 1 metre x 1 metre moulding box size

Omega Free Standing 10 Ton Per Hour Gammavator Sand Reclamation Plant complete with 6` x 8` Shake Deck, Magnetic Separator, Attrition Unit, 104 Litre Sand Blower, Pipes and Bends as Required and Dust Extractor

Requires a pit of approximately 1750mm deep New 2003 and CE Marked Superb Condition

Ramsell SMC 500kgs Capacity Hydraulic Tilt Aluminium Melting Furnace with Power Pack and New Crucible

Rotary De-Gasser Unit with Forklift Slots

Eurocor Model 2824 Cold Box Core Belters by Stone Wallwork x 2 Updated by Guest Foundry Machinery

Core Drying Ovens x 2

Versatile Vertical Band Saw 12” Under Guides 18” Throat

Midsaw Vertical Bandsaw 18” Under Guides 30” Throat

Large Twin Column Bandsaw with 100cm Rotary Table used for cutting Aluminium
1250mm Cutting Width

Fettling Booths x 20 with Extraction Facilities (Some of the best fettling booths I have ever seen)

Tilghman Wheelbrator Compact Heavy Duty Shot Blast Room with Shot Recovery Floor, Train Rails with Trolley and Extraction

Guyson Venturi Type Hand Shot Blast Cabinet

Vapormat Wet Blast Hand Shot Blast Machine

Various Moulding Boxes in a range of sizes

Various Crane Mounted Mould Manipulators in a range of sizes and capacities

Various Jib Cranes in a range of capacities from 250kg to 1000kgs

Various Free Standing Dust Extractors from DCE 152 Size Upwards

Various Free Standing and Roof Mounted Gas Heaters

Various Compressed Air Tanks

Various Sand Blowers in a range of sizes

Large Sand Hoppers and Blowers located outside

Raw Materials..

SIC Chill Mix 55AFS 15 New Tubs

Cleaning and Finishing

Automated Die Penetrant Line with Wash, Dry, Developer Tank, Oven and Viewing Room Equipment

Gwyn Thomas Fully Automated Chromate Line

Anodising Facility, Chromate Etch Facility and Caustic Clean

All in compliance with the I. P. P. C. Regulations (Integrate Pollution Prevention and Control) section 4:27 for a Chromate Line facility

comprising of..

17 Tanks in 2 lines, one line 8 tanks, one line 9 tanks, all 180cm x 90cm x 180cm deep, of which 7 are heated by means of a steam coil in the base of the tank and 11 tanks have lip extraction

With central walkway and twin overhead cranes, with the fluoride anodizing tank located away from the two lines

The 17 tanks are arranged as follows..

Caustic Soda

Caustic Soda 30c – 32c

Cold Water Rinse

Nitric Acid 70%

Nitric Acid 10%

Cold Water Rinse

Ammonia 1%

Cold Water Rinse

Hot Water 95c

Cold Water Rinse

Chromatic Acid 10-15% Heated to 100c

Cold Water Rinse

Chromate 1 40c

Chromate 2 60c

Zonax Cleaner 65c

Hot Water 95c

Also with a horizontal wet eliminator with floor level mounted fan

Complete with all process manuals and documentation

The complete system is in superb condition, and can be seen in situ

We can de-install this and arrange installation if required

Degreaser Machine

Wet Back Paint Spray Booth

Airflow Paint Drying Ovens x 2

Substantial amount of Powered Conveyor Track

Substantial amount of Roller Conveyor Track

Laboratory and Testing

Contents of 9 X Ray Rooms partly comprising of..

140 KV X Ray Unit and Contents of X Ray Room

Newton Victor 140 KV H/W X Ray Unit
Focal Spot 2.3mm x 2.3mm Effective 3.25mm
Automatic to NDT5
And Contents of X Ray Room

Siefert 200 KV CP Unit BE Window X Ray Unit
Focal Spot 1.5mm x 1.5mm Effective 2.12mm
Automatic to NDT5
And Contents of X Ray Room

Pantak 200 KV CP Unit
4.0mm x 4.0mm Effective 5.6mm
Automatic to NDT5
And Contents of X Ray Room

Muller 300 KV CP Unit
4.0mm x 4.0mm Effective 5.6mm
Automatic to NDT5
And Contents of X Ray Room

Viewmaster Range High Intensive Viewer

GE Inspection and Technology Structurix Feeder

Industrex X Ray Developer

Agfa UTS600 X Ray Developer

Startrite Small Vertical Bandsaw Model Bandit 10

Bandfacer 4" Free Standing Horizontal Linisher

Microcut BL1220 Centre Lathe with 3 jaw chuck 8" swing 24" between centres Used to cut Aluminium only

Proturn Model 1745 CNC Lathe with Proto Trak LX2 Control Used to cut Aluminium only in superb condition having had light use only

Myford Super 7 Lathe with Stand and 3 and 4 Jaw Chucks

Wild Barfield Bench Mounted Lab Oven with Up and Over Door

AEW Free Standing Box Oven

Metaserv Model 2000 Double Disc Sample Polisher

Avery Model 6403 Hardness Tester 3000kg

ARL Model 3460 Spectrometer complete with Test Standards and Manuals
Channels for Magnesium and Aluminium

Liebisch Free Standing Salt Water Testing Unit

2" Upright Linisher

Various Sand Testing Equipment

Contents of Testing Offices

Pattern Shop

Sagar Vertical Bandsaw 600mm Throat 40cm Under Guides

Pollard Vertical Pillar Drill with Rise and Fall Table

Wadkin Circular Rip Saw Machine Number RM1623
Table Size Approximately 1200mm x 1200mm
Has ability to tilt 50% of the table by 45 degrees to face the saw blade

Wadkin Circular Rip Saw Machine Number SS497
Fixed Work Table

Wadkin Planer Thicknesser

Town Radial Drill
Old but great condition

Bench Top Router and Table

Tool Grinder with 4 Separate Wheels

Double Ended Bench Grinder and Floor Stand

General Items

Compressors –

Plusair HPC Type DSD201 CE
Kaeser Control
Serial Number 1.8876.2/1010

Plusair Type CSDX 137
Kaeser Control

Bellis and Morcon Type SDA 122A
Pressure 7.5 Bar
Serial Number 2022072

Ultrafilter Air Filter Units x 2

Busch Vacuum Pump Type V140 MM1142 AV

Substantial quantity of Quality Office Equipment, Desks, Filing Cabinets etc.

Substantial Quantity of Pallet Racking

Contents of Works Canteen

Photos available of all items on request

Visits to site by appointment only

Site Address..

**Stones Foundry
Woolwich Road
Charlton
London
SE7 8SL**