



# MAYO

ENGINEERING LTD



MODTECH  
MACHINES PVT. LTD.

***INTERNATIONAL FOUNDRY EQUIPMENT MERCHANTS***

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# STOCK LIST

**WE SPECIALISE IN SUPPLYING QUALITY NEW & USED FOUNDRY EQUIPMENT  
SPECIALISING IN NEW MODTECH WAX and CERAMIC INJECTION MACHINES along with  
MODTECH SHELL ROOM EQUIPMENT. We are now also pleased to announce that we are the GLOBAL  
DISTRIBUTERS for MAGNALENZ INDUCTION MELTING FURNACES  
HAVING AN EXTENSIVE WORKING KNOWLEDGE OF THE INVESTMENT CASTING INDUSTRY  
ENABLES US TO OFFER AN EXCELLENT SERVICE TO OUR CUSTOMERS**



## 1 off NEW Modtech C30 Wax Injection Machine

The ultimate Modtech Wax Injector, with just about every feature possible fitted to this machine

See the machines features working at the You Tube link below

<https://www.youtube.com/watch?v=SeVAKdLLL24>

28 Tonne C Frame Wax Injector with High Speed Platen Closing at 150mm (6") Per Second

Paste Injection capability with 120 Litre Capacity Paste Wax Conditioning Tank

Dual Injection with both Side and Bottom Injection Nozzles

Bottom Ejector which can be swapped for the Bottom Nozzle in 5 minutes

Hot Swappable Injection System with both 250cc and 4 Litre Injection Cylinders, these are wheel mounted with plugs, so are quick to change, you may ask why have two injection cylinders, the answer.....

4 litre Injection Cylinder – General Wax Parts

250cc Injection Cylinder – Precise Control for Injection of Small Parts such as Turbo Charger Wheels

Platen Size 720mm x 550mm with Platen Temperature Control and Dedicated Conair Mould Temperature Control Unit

600mm Maximum Open Daylight 100mm Minimum Closed Daylight

Fitted Light Guards with Corner Steel Mountings

Touch Screen Controls with 500 Memory Die Recipe System

Accurate Digital Servo Hydraulics with Predictable Repeatability

Fitted Slab Melter and supplied complete with Dedicated Conair Wax Pellet Feed Unit

Arrives Mansfield UK End July 2017, secure now for delivery and installation early August 2017



## **2 off NEW Modtech C20 Wax Injection Machines**

20 Tonne C Frame Wax Injectors

Side Injection 4 Litre Maximum Single Shot Size

Side Located 120 Litre Capacity Wax Tank

Platen Size 720mm x 550mm 600mm Maximum Daylight

Touch Screen Controls with 500 Memory Die Recipe System

Accurate Digital Servo Hydraulics with Predictable Repeatability

Fitted Slab Melter to each machine

Arrives Mansfield UK End September 2017, secure now for delivery and installation early October 2017

## **1 off NEW Modtech MB200 Wax Base and Runner Bar Wax Injector**

Bottom Injection with Pressurised Wax Tank. The Die is Filled first by the Low Pressure within the Wax Tank, then an Injection Ram cuts in at a Pre-Set Time to hold the wax as it solidifies

Maximum Die Size 500mm x 700mm x 350mm high Minimum Die Size 100mm x 100mm x 100mm high

Wax Tank Capacity 80 litres Maximum Single Wax Shot Size 60 Litres

Clamp Force 500kg via Special Manual Toggle Lock System

In Stock at our Mansfield UK Works and Can be Tested with Your Tooling if Required



**1 off Used Rebuilt Drytech Rotary Diffuser Unit**

Electronic Variable Speed Drive to the Rotating Diffuser Unit. External Dimensions 86cm x 86cm x 220cm high Power Requirement 380/440 Volts 11 amps Variable Speed Rotation Variable Speed Fan Recently fully overhauled and rebuilt by us



**1 off New Magnalenz 175kw Induction Melting Set**

**We are the Worldwide Distributors for these machines**

175kw 3000hz Frequency

Complete with 2 x 100kg Hydraulic Tilting Furnace Bodies, Hydraulic Power Pack, All Furnace Leads and Cables, Water Pump Set, Changeover Switch and Closed Loop or Open Loop Cooling System, which of course depends on the final place the furnace is sold to

**This furnace is in stock at our Mansfield UK Works**

A comprehensive factory backed set up and commissioning service will be provided on the sale of this induction melting furnace



**We are pleased to announce that Mayo Engineering Ltd have been appointed exclusive Worldwide Distributers for the Magnalenz Range of Induction Melting Furnaces**  
**This represents a further avenue for us, and we are pleased to be working with the team at Magnalenz**  
**The furnace range comprises of Solid State Induction Furnaces in a power range from 15kw (Model FER15) to 6000kw (Model FER6000)**

**A wide range of furnace bodies are available, from Hydraulic Tilt, Pop Up, Lift Out and Roll Over etc.**

**These Induction Furnaces are CE Compliant, and Comply with any specific regulations applicable to where they are being sold by us, which is across the globe....**

**Why choose an Induction Furnace from Magnalenz?**

- 1. Highly Efficient Power Factor**
- 2. Competitive Price**
- 3. Excellent Quality**
- 4. Proven Reliability**
- 5. Efficient Aftersales Service**
- 6. Magnalenz have been established 20 years, and have hundreds of installations already in use**
- 7. Professional back up service, and support from Mayo Engineering Ltd**
- 8. Existing Network of Mayo Engineering Ltd Sales Agents Across the World**

**Please ask for a leaflet should you require further details**



# BarbeSkew

HANDS FREE BARBECUE

A DIVISION OF MAYO ENGINEERING LTD  
[www.barbeskew.co.uk](http://www.barbeskew.co.uk)

