

MORGAN FURNACE RANGE

Dual Energy Bale Out and Basin Tilting Range Mk IV

The Dual Energy combines the advantages of gas melting with electric holding in a highly efficient furnace. The electric resistance radiant heaters give a low electrical load whilst gas radiant panels provide fast efficient melting.

Power Supply

Electric: 18kW, 24kW, 36kW

Gas: 125kW – 350kW

Capacity

Aluminium: 85-1327kg



Gas Fired Bale Out Furnace Mk IV HE

A highly efficient gas fired bale out, using a radiant panel lining system. The modern, efficient, fully modulating gas burner provides both fast melting and accurate temperature control suitable for aluminium or zinc alloys.

Also Available:

- Versions for brass melting
- A basic low cost range

Power supply

Gas: 125kW – 350kW

Capacity

Aluminium: 85-1500kg

Electric Resistance Bale Out Furnace Mk V HE

An electric resistance high efficiency bale out furnace, supplied from 46kW to 120kW power inputs. Available with contactor or thyristor control panels and in a range of capacities from 85kg-1500kg aluminium. Suitable for melting and holding aluminium, zinc and other alloys.

Also Available:

- A basic low cost range
- Round versions with capacities up to 2500kg

Power supply

Electric: 46kW, 54kW, 72kW, 120kW

Capacity

Aluminium: 85-1500kg

Zinc: 225-4000kg



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King Size Electric Resistance Bale Out Furnace

A king size electric resistance bale out furnace with large capacity and discharge opening. Available with contactor or thyristor control panels and in a range of capacities from 1200kg-2500kg aluminium. Suitable for holding aluminium and zinc alloys.

Power supply

Electric: 72kW

Capacity

Aluminium: 1200-2500kg



Gas or Oil Basin Tilting Furnace Mk V

A fuel fired basin tilting furnace supplied with a variety of burners ranging from manual to fully automatic. Linings in gas radiant panels or traditional brick. Suitable for melting aluminium and zinc. High temperature versions also available for brass and bronze.

Power supply

Gas: 275-530kW

Capacity

Aluminium: 213-1500kg

Bronze: 650-2800kg

Gas or Oil Lift Out Crucible Furnace

5 sizes of gas fired lift out crucible furnaces available with a variety of automatic / manual oil or automatic gas fired burners to cover the broad range of melting demands of the non-ferrous foundry. Also suitable for iron melting using oil.

Capacity

Aluminium: 8-75kg

Bronze: 25-230kg



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Gas Miniature Lift Out Furnace

A small high efficiency gas fired furnace for melting a range of alloys at temperatures up to 1350°C.

Especially suited for colleges, art workshops, precious metal testing and foundry test melts.

Capacity

Bronze: up to 15kg

Electric Resistance Basin Tilting Furnace

An electric resistance basin tilting furnace rated at 60kW, 90kW or 120kW in 5 standard crucible sizes.

Supplied with either contactor or thyristor controls.

Power supply

Electric: 60kW, 90kW or 120kW

Capacity

Aluminium: 225-922kg



Gas or Oil Central Axis Tilting Furnace

A traditional manually tilted furnace supplied to melt ferrous and non-ferrous materials.

Available with a range of automatic / manual oil or automatic gas fired burners.

Capacity

Aluminium: 22-95kg

Bronze: 70-300kg

Cast Iron: 55-240kg

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Electric Resistance Ladle

A range of electrically heated transport ladles for aluminium and zinc. Available for crane or forklift transport and rotation.

Power supply

Electric: 21-36kW

Capacity

Aluminium: 150, 200, 250, 300, 500, 600, 700kg

Morganite Crucible also supplies:

- ▶ Transport Electric Resistance Bale Out Furnaces
- ▶ Oil Fired Bale Out Furnaces
- ▶ Electric Resistance Dosing Furnaces for Aluminium
- ▶ Internal Crucible Lifters
- ▶ Gas Fired Ladle Heaters
- ▶ Immersion Furnaces
- ▶ Electric Furnaces for Brass
- ▶ Special Equipment to Suit Customer Requirements
- ▶ Spares for All Morgan Furnaces

and offers the following services:

- ▶ Burner service contracts CORGI registered (applies to UK only)
- ▶ On-site foundry surveys for relining and advice on energy-efficiency & furnace emissions, including support on carbon trust funding
- ▶ On-site relines and services for Morgan and non-Morgan furnaces

