



Pouring bronze into sand mould A6 crucible



FUSION – FURNACES

'Fusion' lift out crucible furnace

for melting non-ferrous metals *
– including aluminium, brass, bronze, copper, alloys, gold and silver.



Fusion with forced draught burner and side door for easy removal of small crucibles up to A8, supplied at an extra cost



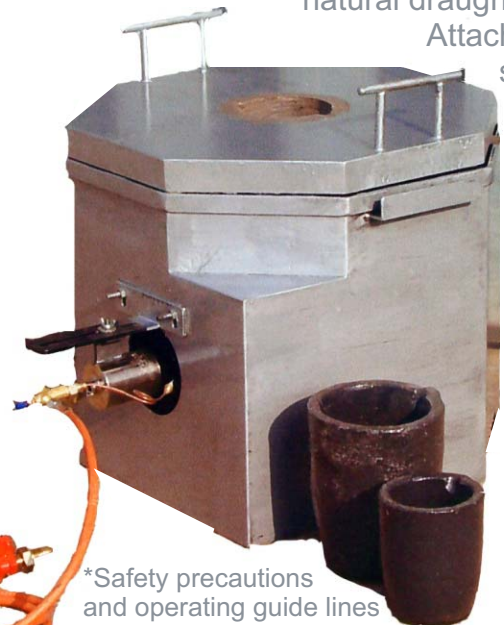
Lifting out crucible to be placed into carrying shank for casting.



Natural draught propane fusion in action!
Melting Brass

The 'Fusion' furnace is ideal for creative art purposes, laboratories, colleges, universities, engineering societies, or as an exciting hobby for model engineers. We can supply all the necessary equipment for small scale foundry work, including moulding boxes, moulding sand, tools, etc. and we can also provide all essential safety equipment. Maximum capacity 18kg brass, 6kg aluminium. Various capacity crucibles available. Octagonal steel casing with sliding top cover and frame. Lined with low thermal mass, high temperature 1400 degrees centigrade brickwork, with ceramic fibre insulation. Fired by propane burner on adjustable bracket. Burner complete with flame failure valve, thermocouple, regulator and pressure gauge, along with metallic covered hose. Natural draught suitable for metals up to 1000 degrees centigrade. For higher temperature up to 1200 degrees centigrade: supplied forced draught, fitted with a fully automatic oil, gas or LPG burner, with spark ignition, flame failure motorised fan. Very low noise, operated by 13 amp single phase electric supply.

Illustration showing A12 & A6 crucible and propane fired natural draught burner.



Attached to standard 47kg cylinder available with choice of top or side flue.

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*Safety precautions and operating guide lines provided on purchase of Fusion Furnace