

KEPSTON

L I M I T E D

Est. 1916

www.kepston.co.uk

FURNACE BRAZING

Vacuum and Continuous



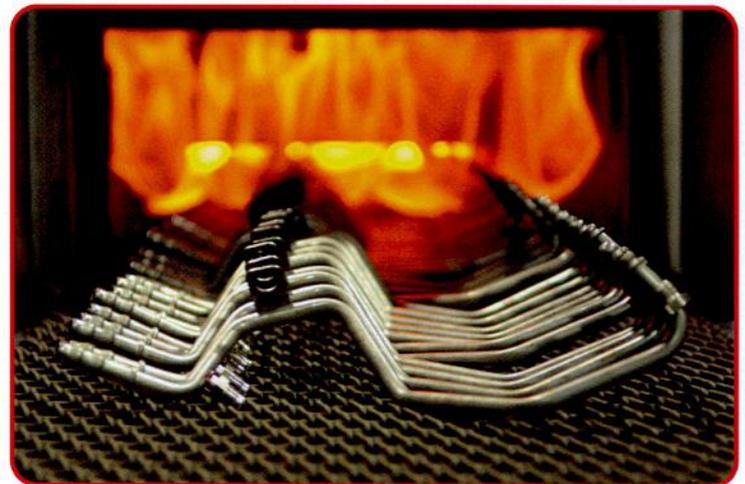
BENEFITS & CAPABILITIES:

- Brazing and Heat Treatment in one process
- Capable of Argon, Nitrogen and Hydrogen Partial Pressure
- Close temperature uniformity in accordance with AMS2750
- Clean Brazing (no flux required)
- Brazing of dissimilar materials
- Multi-step processes
- Meets Aerospace requirements
- Minimal component distortion



MARKET SECTORS:

- Additive Manufacturing / 3D Printing
- Aerospace
- Defence / Nuclear
- Heat Exchangers
- Marine
- Medical
- Motorsport, including F1
- Scientific



HEAT TREATMENT

Vacuum, Continuous and Batch



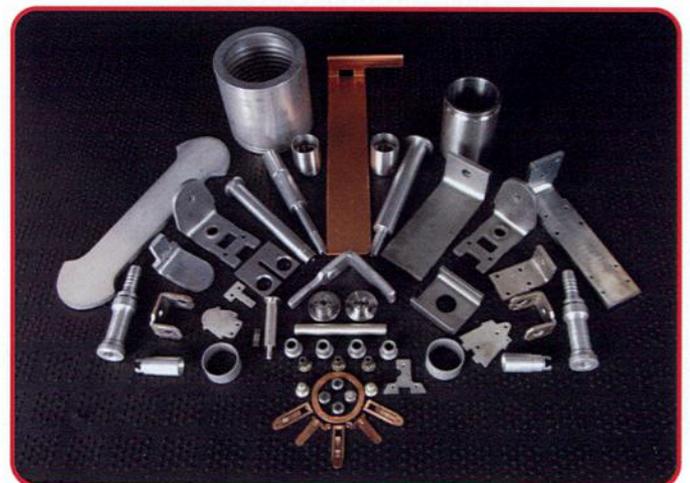
BENEFITS & CAPABILITIES:

- Capable of Argon, Nitrogen and Hydrogen Partial Pressure
- Close temperature uniformity in accordance with AMS2750
- Meets Aerospace requirements
- Minimal component distortion
- Solution & Magnetic Annealing
- Stress Relieving
- Precipitation Hardening
- Hardening and Tempering



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WIRE EROSION

Including Zero Re-Cast Layer



BENEFITS & CAPABILITIES:

- New Agie-Charmilles WEDM machinery
- Progress V4 with a cutting area of 875mm (X) x 550mm (Y) x 500mm (Z)
- 300ms offers a zero re-cast layer (no white layer)
- Meets Aerospace and F1 requirements
- 2000s has the latest "fast cut" capability
- Tolerance of +/- 0.002mm
- Surface finish of 0.2RA



MARKET SECTORS:

- Additive Manufacturing / 3D Printing
- Aerospace
- Food Packaging
- Gauge Making
- Mould Tool Making
- Motorsport, including F1
- Nuclear
- Press Tool Making



CNC GRINDING

Jig, Universal and Surface



BENEFITS & CAPABILITIES:

- New CNC Hauser H35
- New CNC Moore CP1200
- Temperature controlled environment
- Capable of tolerance to 1 μ m
- CNC Cylindrical Grinding with out of round capabilities
- CNC Surface Grinding



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- Defence / Nuclear
- Food Packaging
- Gauge Making
- Medical
- Motorsport, including F1
- Oil and Gas



CNC MACHINING

CAPABILITIES:

Kepston's continued investment in the latest technology and equipment has seen the purchase of a Mazak 250MSY CNC Mill Turn. Twin Spindle with Live Tooling capabilities allows for machined finished parts to be produced from one machine.



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- Gauge Making
- Medical
- Motorsport, including F1
- Oil and Gas
- Toolmaking





Wire Erosion ▶



High Precision Grinding ▶



◀ CNC Machining



◀ Heat Treatment & Furnace Brazing



◀ Inspection & Dispatch

