

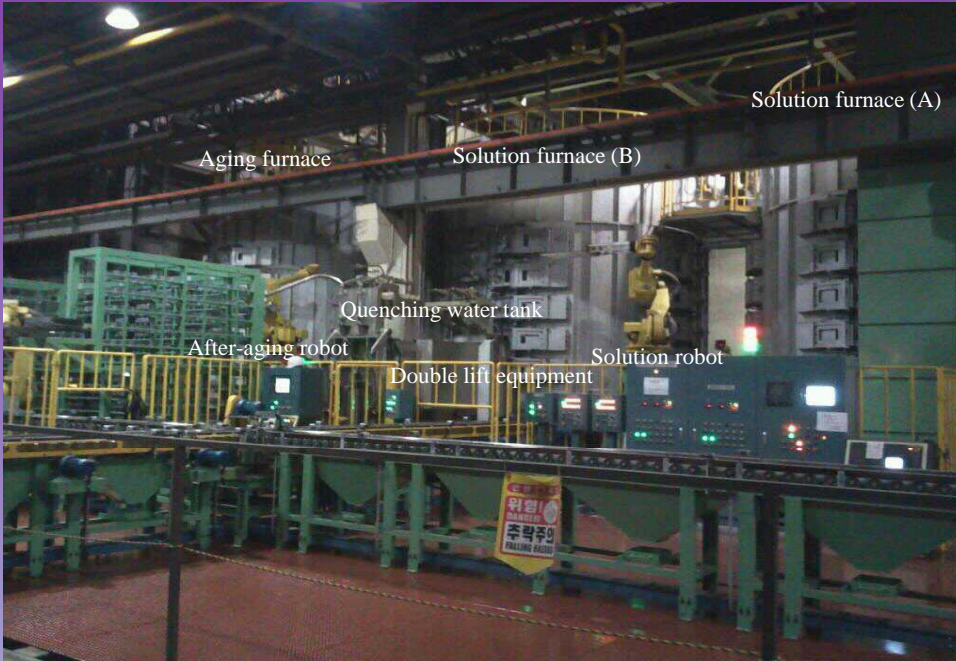
【Patent】

Unexamined patent application
JP2008 138916A

Aluminum cylinder head Basketless heat treat furnace



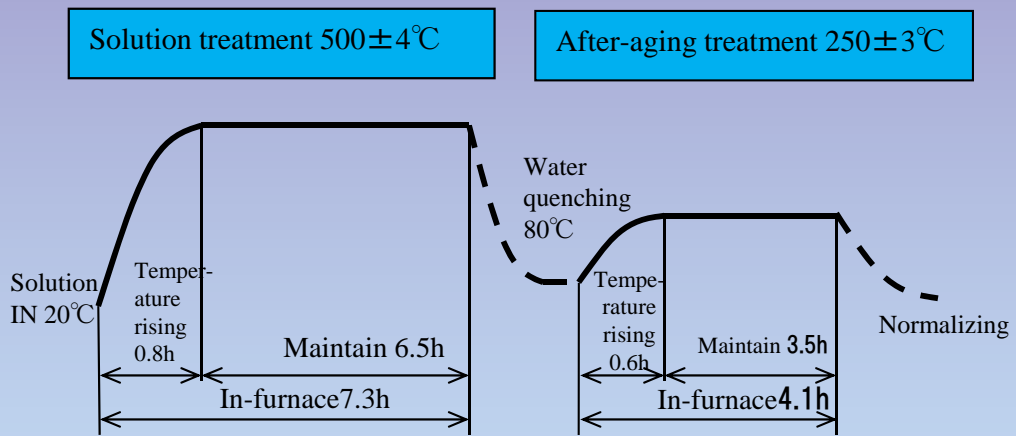
Energy cost slashed! Space-saving, inlining!



■ Specification

Material: cast alloy JIS AC2B, AC4B
Process material: cylinder head
Unit weight: MAX.20kg
Processing throughput: 90/h
Processing capacity: 1800kg/h
Heat source: L.P.G. or L.N.G
Solution furnace: DHF-S type (2 furnaces)
Aging furnace: DHF-A type (1 furnace)
Number of quenching water tanks: 1
Core sand settlement tank, sand elimination conveyor: 1 set
Number of double lift devices: 1
Number of transfer robots: 2

Heat pattern



Energy cost about 50% reduction

Features

- 1) Circulating hot air technology --- Reduction in temperature variation in furnace -> Consistent quality ensured!
- 2) Saving energy, space --- Running costs slashed (fuel, electricity)!
- 3) Unmanned autonomous single-item feed --- Labor costs slashed, eliminates need for supplies such as tray, basket, etc.!

Single-item process furnaces for aluminum wheels, suspension parts, pump parts, compressor parts and so on are also available, please contact us.



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