



# Universal Rotary Hearth

furnaces type RH

## Technological applications of rotary hearth furnaces

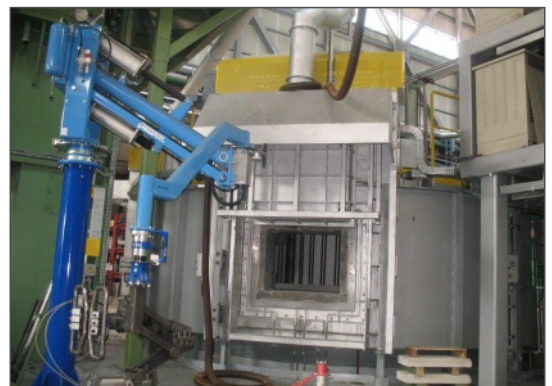
- Preheating before forging
- Preheating before hardening

## Typical load types

- Forging industry: drope stampings
- Automotive industry: crankshafts, shafts, piston pins, gearbox components
- Aircraft industry: gear wheels, engine components
- Machine industry: shafts, sleeves, gear wheels
- Tool industry: saw blades, tools
- Other subassemblies: casting moulds, fine parts on trays

## Versions available

- Heating system
  - electrically heated furnaces (RHE)
  - gas fired furnaces (RHG)
- Atmosphere options
  - furnaces to operate with protective atmosphere
  - furnaces to operate with air atmosphere or compustion
- Loading options



*Furnaces with automatic loading system*



*Furnaces with manual loading system*

## Key construction features of rotary hearth furnaces

Rotary hearth furnace construction combines advantages of both continuous and chamber furnaces. Rotary furnaces ensure continuous work flow compact design that uses a minimum of floor space

- Working temperature: up to 1300°C
- High temperature uniformity
- Overpressure control
- Step-less control of the hearth rotation speed
- Flexible operation

## Main advantages

- Work flexibility and high reliability
  - easy service and maintenance
- Economical
- Low consumption of technological mediums
- High quality parts
  - no scale and decarburization
  - high repeatability of processes
- Fully automated
  - quick loading and unloading of the load
- Construction accommodates operation in industrial conditions
- Safe operation
- Conformity with the AMS 2750 D



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