



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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