

Steel Casting / Forging Continuous Heat Treatment Plant

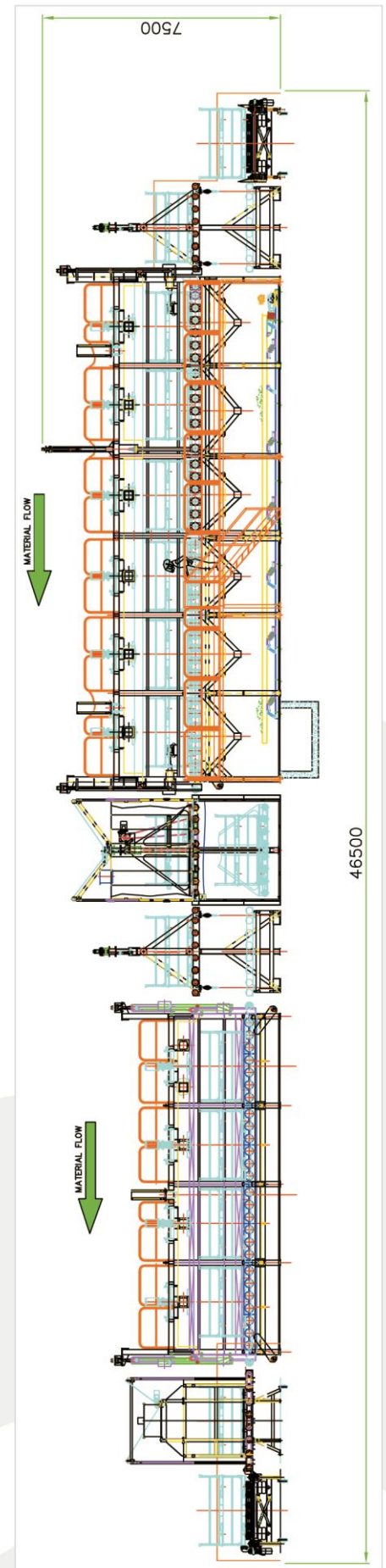
Hardening Quenching Tempering

Roller Hearth conveyor furnace

- If you produce light or medium weight parts where low cost, high volume production is required, Roller Hearth conveyor furnace will process your work efficiently and economically, typically free of oxidation and discoloration with less scale than other processes.
- The furnace is particularly well suited to continuous production line operations accepting parts ready for heat processing and discharging them ready for assembly or packaging.
- It is widely applied for parts or assemblies used in volume production industries such as automotive, home appliance, electronics, aircraft and hardware.
- The furnace can be utilized for many heat processes.
- The furnace length will be designed as per production rate output.
- The water Quenching mechanism is provided along with water Quenching tank in between hardening and tempering furnace.
- Very low maintenance and operating cost.
- The whole process is controlled by SCADA and MMI touch screen computer system.



▲ Continuous Roller Hearth Heat treatment furnace in Gas fired heating

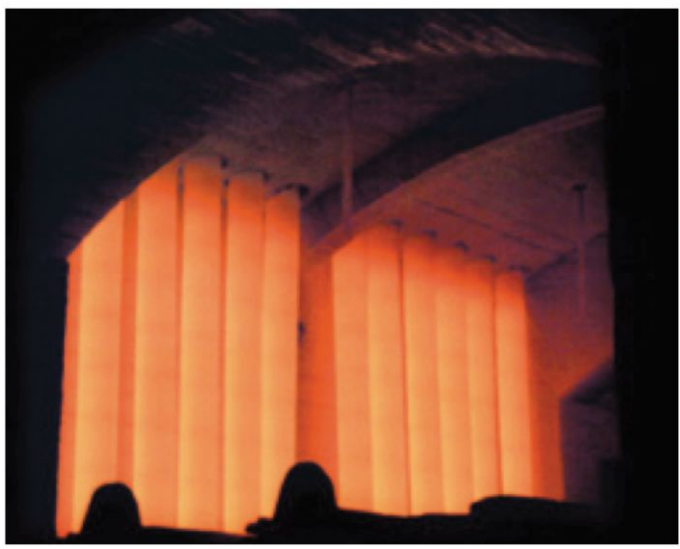


Rotable Hearth Furnace

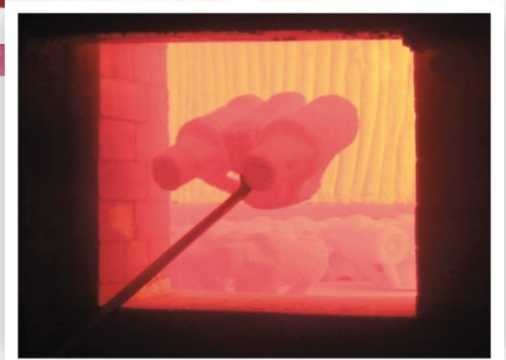
It can be used for continuous heat treatment /Shell firing application in foundry

- The furnace has a hearth which rotates inside a stationary closed chamber.
- The charge is deposited through the first door and removed from the other door on the furnace rim as the hearth rotates. It is continuous process for heat treatment or shell firing.
- The heat treated charge is removed from the furnace automatically maintaining the FIFO.
- The method of loading and indexing the hearth enables a uniform temperature distribution. The hearth rotation can also be adjusted through VFD drive.
- This furnace is mostly used in Investment casting Industries for the Shell Firing and for heat treatment application.
- Gas and Electrical heat source option is available.

Rotable Hearth Furnace ▶



▲ Vertical Heating Element design for Rotable hearth furnace.



Mfr.: Industrial Ovens, Furnaces
& Aluminum Scrap Recycling Plant

F-23, M.I.D.C., Gokul Shirgoan, Kolhapur - 416 234. Maharashtra (India)
T +91-231-2672620 F +91-231-2672461 M 09822056316, 09371634909
E sales@afecoheating.com W www.afecoheating.com

Our Authorised Representatives :

Mr. Umesh Killedar, Ahmedabad. Cell : 9374019520
Mr. Swapnil Wyavhare, Pune. Cell : 9850983351