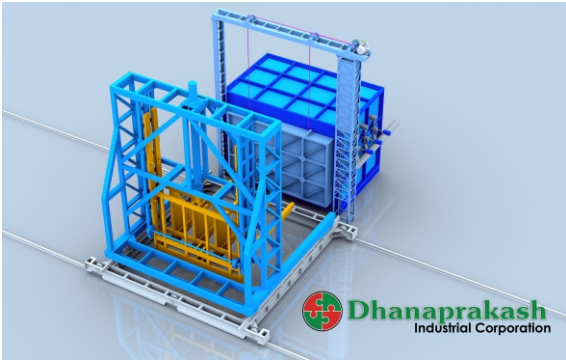


# RAPID QUENCH

Latest, Strong, Sturdy, PLC/PC Controlled Heating Quenching Technology by **Dhanaprakash** Mn Steel Hardening, SS Solution treatment, Forging, Quenching, Tempering & Normalising



## Our Uniqueness

- Complete PLC/PC Controlled Hardening, Quenching, Tempering Plant.
- Gas, Diesel, Dual Fired and Electrical Heating Options. 1MT to 25MT Capacity
- 1250°C Uniform Furnace Temperature with user configured Ramp Soak Profile control.
- Uniformity as per **API6A** & **AMS2750D** standards
- Manless PLC Controlled Quenching in 25-40 Seconds Guaranteed.
- Cooling Rates of 800°C/min guaranteed.
- Rise in quenchant temperatures less than 10°-12°.
- Automated PLC/PC Controlled customised Plants.

## Our Presence

- M/s. Precision Forgings, Dammam KSA.
- M/s. Metals of Bahrain, Bahrain.
- M/s. Shah Preciscast, Sangli.
- M/s. KSB Pumps Ltd., Vambori.
- M/s. KSB Pumps Co Ltd., Pakistan.
- M/s. Kadwani Forge, Rajkot.
- M/s. Uniabex, Dharwad.
- M/s. Saudi Indsur, Saudi Arabia.
- M/s. Magnum Forge, Pune.
- M/s. The Kolhapur Steel Ltd., Kolhapur.

## COMBUSTION SYSTEMS



**Gas Fired**



**Diesel Fired**



**Dual Fired**



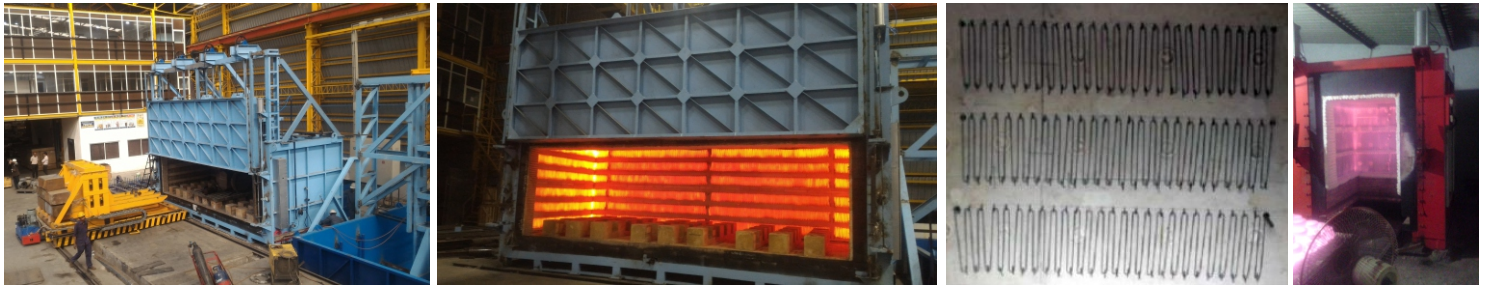
# HEAT TREATMENT FURNACES

1 - 100MT Bogie Hearth Gas, Diesel Dual Fired - MIMO - PLC Controlled.



## ELECTRICAL HEATING

ROB Heaters, Ceramic Boards, Thyristor Control - High Energy Efficiency



## ELECTRICAL HEATING

Roller Hearth

Gas Carburizing Tempering

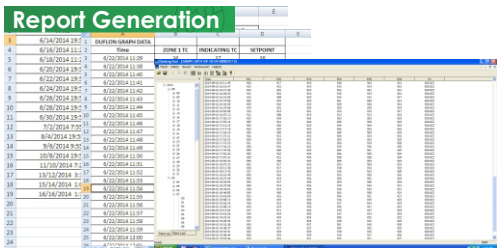
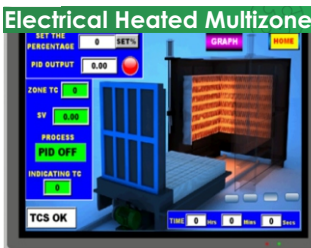
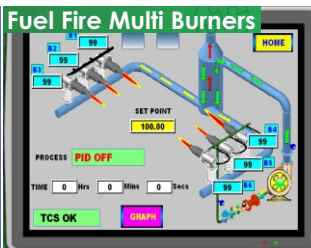
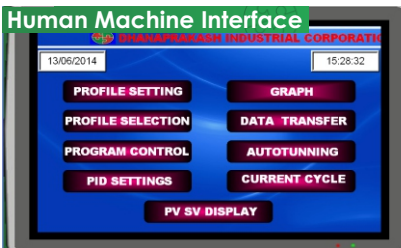
Ceramic Shell Firing

Shots Hardening Retort Furnace



## AUTOMATION

PLC + HMI + PID + Autocycle + SCADA - Automation Temperature & Motion



# Dhanaprakash

Industrial Corporation