BELL ANNEALING FURNACE
- India's No. 1 supplier of bell furnaces.
- More than 100 installations in use.
- 3 to 30 MT batch capacity.
- Maximum temperature up to 950 °C.
- Spheroidisation above 85%.
- Vacuum assisted N\textsubscript{2} atmosphere with automatic pressure regulation.
- Multi-pro/program controller with ratio control system to achieve close temperature uniformity.
- Auto programming facilities to adapt different cycles depending upon diameter-grade combination.
- Provision for data logging.

BAR/FORGED COMPONENTS ANNEALING FURNACE
- From 5 MT onwards.
- Facilitates very low scale annealing.
- Rectangular bell design with stationary or bogie type base.
- Maximum temperature up to 950 °C.
- Spheroidisation above 85%.
- Master-slave temperature control to achieve close temperature uniformity.

BOGIE HEARTH FURNACE
- Batch capacity up to 300 MT.
- Ideal furnace for varied heat treatment processes such as stress-relieving, annealing, normalizing, tempering, etc.
- Maximum temperature up to 1150 °C.
- Oil and gas fired options.
- Mass fuel control for better combustion efficiency.
- Unique flat roof construction.
- Energy efficient recuperator.
- PC-PLC control.

COMPOSITE CURING OVEN
- Used for curing carbon composite for aerospace application.
- Box/Bogie type construction.
- Maximum temperature up to 120 °C.
- Temperature uniformity within ±2 °C.
- Vacuum system for vacuum bagging.
- PLC control.

CONTINUOUS HARDENING AND TEMPERING PLANT
- Exemplary Performance
- Customized Designs
- Current With Technology
- Cost Effective

SOLUTION TREATMENT / AGING FURNACE FOR AAAC
- Batch capacity up to 2 MT for solution treatment and 10 MT for aging.
- Maximum temperature up to 600 °C.
- Temperature uniformity within ±5 °C.
- Bogie hearth construction with single or twin bogie.
- Base tilting arrangement for fast quenching for solution treatment.

TRANSFORMER CORE ANNEALING FURNACE
- Batch capacity up to 6 MT.
- Suitable for transformer annealing / IRI above core.
- Gearless construction for easy handling / loading.
- Maximum temperature up to 800 °C.
- Nitrogen atmosphere for safe core annealing.
- Designed to exceed normal gas consumption.

VERTICAL CYLINDRICAL FURNACE WITH SEALED RETORT
- Capacity up to 15 MT.
- Ideal for stress relieving and annealing of formed tubular or pressure parts of boilers, etc.
- Roller hearth construction.
- Maximum temperature up to 800 °C.
- LPG/CNG firing.
- Mass fuel control for better combustion efficiency.
- Energy efficient recuperator.
- PLC control – auto mode.

PLSOL HEAT TREATMENT FURNACE
- Batch capacity up to 2 MT.
- Ideal for stress relieving and annealing of formed tubular or pressure parts of boilers, etc.
- Roller hearth construction.
- Maximum temperature up to 800 °C.
- LPG/CNG firing.
- Mass fuel control for better combustion efficiency.
- Energy efficient recuperator.
- PLC control – auto mode.

METHANOL-LPG Atmosphere
- Capacity up to 10 MT.
- Ideal for stress relieving and annealing of formed tubular or pressure parts of boilers, etc.
- Roller hearth construction.
- Maximum temperature up to 800 °C.
- LPG/CNG firing.
- Mass fuel control for better combustion efficiency.
- Energy efficient recuperator.
- PLC control – auto mode.

PRECONS an established supplier of quality furnaces

Installation diagram for a typical 3 bell-5 base system

Installation diagram of a typical 3 bell 5 base system

Installation diagram for a typical hardening, quenching and tempering line

Installation diagram for an oval hardening, quenching and tempering line