ABOUT US

Founded in the year 1971, Precision Controls (PRECONS) have close to four decades of experience behind us in the design and manufacture of industrial furnaces for varied and demanding applications. PRECONS furnaces are performing commendably in diverse sectors such as auto/auto ancillaries, heavy & medium engineering, aerospace, nuclear, metal industries such as steel / aluminium and electrical and electronics.

PRECONS' major strength is our commitment to customer satisfaction as can be seen from the repeat orders our customers prefer to place on us time and again. We are fortunate to have an array of best known names in different industry segments as our clientele.

DROP BOTTOM QUENCH FURNACE
- Batch capacity up to 20 MT.
- Well adapted for aluminium solution treatment for aerospace application.
- Maximum temperature up to 650 °C.
- Electrically heated.
- Temperature uniformity within ± 2-3°C.
- Electromechanical / Electrohydraulic winch for quenching within 15 seconds or Unique hydraulic scissor platform design to facilitate fast quenching within 7 seconds.

ROTARY TUBE FURNACE
- Batch capacity up to 150 MT.
- Varied applications such as:
  - Pre-sintering of ferrites,
  - Calcination, reduction, stabilisation and reoxidation of minerals, ores, etc.,
  - Drying of alumina oxide powder.
- Maximum temperature up to 1000 °C.
- Horizontal draw out type furnace for easy maintenance.
- Atmosphere control with mechanical seal design.
- Super kerosene firing option, using monobloc burners.
- Scrubber system as option.

REHEATING FURNACE
- Batch capacity up to 150 MT.
- Specially designed for reheating of ingots for forging seamless rings, pipes, etc.,
- Maximum temperature up to 1300 °C.
- Oil or gas fired options.
- Mass flow fuel control for better combustion efficiency.
- Unique flat roof construction.
- Energy efficient recuperator.
- PC-PLC control.