

# METALLIC TUBE BURNER

The GTS Comtherm MTB burners are gas burners with Metallic Tube used for direct heating. The burner produces an intense flame that allows high heat penetration and better temperature uniformity inside the combustion chamber. The MTB burners are “Nozzle Mix” type burners. The fuel gas and combustion air is mixed at the combustion head to avoid flashbacks. The burner is suitable for regulation in stoichiometric, excess air or reducing air to fuel gas ratio.

## Typical Applications

- Homogenizing furnaces
- Ovens
- Dryers
- Tunnel Ovens & Furnaces
- All types of Heat Treatment furnaces

## Technical Feature

- Capacity: From 30 to 1000 kW
- Temperature limit: 900°C
- Fuel: LPG/Natural Gas/COG/Syn.Gas
- Controls: ON/OFF, Pulse Firing / Mass Flow/ ON-Ratio
- Low emission
- Can operate with Excess Air upto 400%
- High Flow Turn down range
- Compact and Modular Design
- Can be mounted Horizontally in the Side wall or Vertically on the Roof
- Suitable for operating with Preheated Hot air upto 450°

## Material Composition

- Burner Body : Cast Iron (**Other Material options available on request**)
- Gas Adjuster (Tuning Valve) : Cast Iron
- Burner Flame Tube : SS 304 / SS 310
- Diffuser & Combustion Head : SS 310
- Mounting Flange : Carbon Steel
- Orifices : Carbon Steel
- Pressure Taps : Brass
- Peep Sights : Brass

