# INLINE INDUCTION WIRE PREHEATER

## BENEFITS

Improves products quality, dielectric properties and line speed. Stop undesired sleeving of insulation. Improves adhesion of insulating material on conductor by cleaning water and oil residues. Efficient & Clean process system.

## FEATURES

- Reliable, safe & clean.
- Wire break detection.
- Electrical - Inductive - Resistance heating principle.
- Wire temp remains constant irrespective of change in line speed.
- Prevents over heating during wire stoppage.
- Displays set temperature, line speed, primary voltage & current.
- Current over - load protected.
- A.C. Invertor controller system.
- Non - Contact wire temp. Indicator / controller can be attached. (Optional).
- Self - contained, Powder coated with Glass window, classic look.
- Wheels to move the unit easily.
- Bi - directional Left to Right or Right to Left.
- Door interlocking for safety.
- Wire material - Copper or specify: Example : Aluminium, Mild Steel, Stainless Steel, Thermocouple wire etc.

Some of Models of Inline Induction Preheater and their specifications are as given below:

## TECHNICAL SPECIFICATIONS:

| INLINE INDUCTION WIRE PREHEATER | MODEL PH 10019C | MODEL PH 150019C | MODEL PH 20019C |
|---|---|---|---|
| Maximum line speed (Depends on wire diameter.) | 1000 Mts/min | 1500 Mts/min | 2000 Mts/min |
| Wire Diameter | 0.4-3.6 mm | 0.5-2.8 mm | 0.3-1.4 mm |
| Wire Material | Copper /Specify | Copper /Specify | Copper /Specify |
| Maximum Wire Temp. | 190° C | 190° C | 190° C |
| Power Supply | 380-460 V AC 3-Phase 50/60 Hz | 380-460 V AC 3-Phase 50/60 Hz | 380-460 V AC 3-Phase 50/60 Hz |
| Induction Frequency | 350-400 Hz | 350-400 Hz | 350-400 Hz |
| Power Output | 18 KW | 15 KW | 15 KW |
| Dimension ( H x W x D ) | 1440 x 790 x 630mm | 1440 x 790 x 630mm | 1440 x 740 x 630mm |
| Running Height of Wire | 1000-1100 mm | 1000-1100 mm | 1000-1100 mm |
| Pulleys | One shorting & One Insulating | One shorting & One Insulating | One shorting & One Insulating |
| Wheels | For shifting of the unit with lifting jack | For shifting of the unit with lifting jack | For shifting of the unit with lifting jack |
| Control System | Microprocessor Based/Analogue | Microprocessor Based/Analogue | Microprocessor Based/Analogue |