

Wire temperature under control with ZUMBACH's new WST preheater

ZUMBACH presents the latest WST model, the TEMPMASTER WST 2006FV Series Line Frequency Wire Preheater. These preheaters have been widely used by the wire industry since 1950. Today, they are sophisticated, yet durable, combining proven principles with modern technology, engineered to generate products with a remarkable price/performance ratio, justifying customer's investment year after year.

Better product quality, improved productivity and faster line speeds are just some of the remarkable benefits a ZUMBACH WST preheater is offering for wire extrusion lines.

The microprocessor-controlled production tool heats the conductor precisely to the desired temperature level, fast and efficiently. It takes wire preheating to the next level by measuring the ambient temperature and tracking the line speed to accurately preheat the wire to the desired temperature, even during ramping. Product recipes provide customizable material settings to ensure the preheater operates with the correct parameters and optimized power setting: just set the desired temperature, target line speed, and conductor material, and the preheater does the rest.

The closed-loop circuit monitors the actual loop voltage to calculate and display the predicted wire temperature. Variable frequency power section optimizes inductor performance and allowing for a compact solution ideal for smaller size ranges and compact extrusion lines.

The microprocessor continuously monitors performance and alerts the operator if the preheat temperature cannot be met. A modular design allows the VISU touch display and operator station to be placed remotely at a convenient location.

The TEMPMASTER WST 2006FV offers an interface to connect easily to an external wire temperature measuring systems for closed loop Temperature control.



WST 2006 Preheater