

Up-Tronik

Glass tempering machinery and furnaces



Description

UP-TRONIK is the high efficiency convection system, superior and inferior to the rollers based on the pre-heated air intake at 700 °C, which allows the tempering of the last generation glass to an emissivity of $e = 0.01$. The air distribution system consists of a network of stainless steel blowing pipes, arranged above and below the rollers, divided into areas lengthwise, in order to realize the desired convective profile. The percentage of air is controlled by a dedicated supervision according to the recipes to temper the various types of glass. The new structure of the heating system will therefore be an integrated system of irradiation and convection, where the latter can be operated or not, depending on the type of glass to be treated.