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Abstract of the Disclosure

A belt conveyance baking furnace which can reduce the weight and size of a belt and can raise and lower the furnace temperature to desired levels in a shorter time. A workpiece is baked while it is on a conveyor belt and conveyed through the furnace therewith. A table roller (31) for driving a conveyor belt (30) is disposed at least one of an entry section and a delivery section of the furnace. A plurality of furnace bed rollers (15) supporting the lower surface of the conveyor belt (30) and driven at the same circumferential speed as the table roller (31) are arranged side by side in the furnace in the longitudinal direction. Since the conveyor belt (30) runs while rolling over the furnace bed rollers (15), the friction force between the conveyor belt and the furnace bed rollers is practically negligible. It is hence possible to considerably reduce the weight and heat capacity of the conveyor belt as compared with a conventional conveyor belt.

This Sheet Has Been Replaced



THIS SHEET HAS BEEN
REPLACED