

The invention relates to the food industry, in particular to the dough preparation equipment. The mixer consists of a vat, a mixing tool, a transmission mechanism, an electric motor. Summary of the invention consists in that into the transmission mechanism of the mixer it is additionally included a variable-speed drive with mobile wheel and mechanism for automatic control of the transmission ratio and a system for automatic disconnection of the electric motor power supply for the given value of the transmission ratio. The mechanism for automatic control consists of an electric current transformer, an electromagnet, supplied from the electric constant-current transformer depending on the strength of current drawn by the electric motor. The corresponding mechanism is provided with a mobile core connected to the mobile wheel of the variable-speed drive. The mobile wheel moves along the axis of rotation of the electric motor and automatically disconnects the mixer when the viscosity of the kneading dough attains the value of 30...35 Pa · s. The result consists in the control accuracy of the mixing tool turn-over and automatic disconnection of the mixer.