

Method of aerodynamic drying of biomass relates to the field of processing products of biological origin, specifically the drying of bulk materials, and can be used for the dehydration of polydisperse media of plant origin. The method describes the process of aerodynamic drying of crushed biomass using a heated drying agent in a drying chamber divided into at least two separate zones arranged in series, with the material to be dried fed into the first and subsequent zones, while the drying agent is first introduced into the second zone and then fed from the second zone into the first zone of the drying unit. This allows the thermal stress caused by evaporated moisture to be balanced along the length of the dryer and results in a reduction of the final moisture content of the mixture by 16-20% and a reduction in drying energy consumption by 12-15%, ensuring its uniformity regardless of its particle size distribution.