

Dryer relates to drying technique, in particular, to appliances for drying thermo-sensitive bulk materials, and can be used in agricultural sector. In the dryer comprising of horizontal perforated drum, heated shaft, this carries a rod, of loading and unloading units, rotary drive for the drum, thermo-insulated chambers, system of blowing for each chamber with independent heat carrier – air, the heated shaft is made cylindrical, perforated, inside it there is a fixed pipe with slots along the axis, those are made in different planes for blowing with the same heat carrier – air; and between the ribs of the screw there are installed perforated paddles, with formation of baskets and slots between those and the surface of the heated shaft. At that, each paddle with its one side is tightly pressed to the surface of the rib of the screw, and with the other side – to perforated drum. Besides that, in the unit for loading there is a divider for the flow of material, and in installed in sequence and hermetically connected fan, dryer, moisture separator and air heater there re-circulates in closed circuit autonomous heat carrier – air. This implementation of the appliance makes it possible to increase uniformity of loading of material, intensity of blowing the material.