

Automated vat steam heater for moisture-heat treatment of castor seeds comprises vat bodies (1) with steam supply pipes leading to walls and bottoms of vats (7), stirring mechanism (6) with central vertical shaft (2) and agitators (3), as well as gearmotor for driving agitator shaft (10), discharge windows (14), and actuator plate with return spring (13). On the shaft of the upper vat level sensor (12), the upper vat level sensor (11) itself, control unit (8), power supply unit (15), gearmotor for cake feeding mechanism (9), discharge mechanism (4) with feed screw (5), belt drive (16), pulleys of cake feeding mechanism (17), and screw press (18) are mounted.