

Screw working body of the mixer is made in the form of a shaft with a screw. Wherein the screw is made as a composite of two blade spirals of the same outer diameter and pitch, the fixed blade spiral of which is rigidly fixed to the shaft. The other, movable, is made with a solid inner cylindrical part and a blade outer part, besides, the movable blade spiral is in contact with the shaft with a solid inner cylindrical part, and the end surface of the blade outer part is in contact with the end surface of the fixed blade spiral. Wherein the inner cylindrical part of the movable blade spiral is fixed at the ends on the shaft with position-changing screws with the possibility of rotation relative to the shaft and the fixed blade spiral. On the end surface of the fixed blade spiral, which is opposite to the surface of its contact with the moving blade spiral, mounting holes are made, in which L-shaped elements are fixed with the help of mounting screws with the possibility of changing their position relative to the axis of the screw.