

The group of inventions relates to the mechanization of welding works. A method of assembling fragile precision components of shaft-bushing type provides for arrangement of the components, which are subject to assembling, coaxially in the horizontal plane at a minimum distance from each other, giving to both components forward motion in the production line, during which in the external member a vacuum is created. A device for implementation of method contains a rotor, the rolling surface of which contains cradles for bushings and shafts. The axis of rotor is located horizontally, the cradles for shafts are installed coaxially to the cradles for bushings. The axes of cradles are parallel to the axis of rotor. From the side of cradles for bushings on the rotor a flange is made with openings, which axes are coaxial to the axes of cradles. In lowest part of the cradles for bushings and for shafts the channels are made for action of air. The device is equipped with a vacuum head for assembling of components, installed with possibility of connection with the openings, and a vacuum head for fixation of components on the rotor and head for unloading the assembled components installed with possibility of their connection to the channels of rotor during its rotation. Technical result: increase of the accuracy of assembling works.