

The invention relates to the mechanical engineering, namely to devices for mixing of loose materials meant preferably for preparation of combined feed.

The mixer contains a cylindrical body (1) placed horizontally with charging and discharge openings, a shaft mounted therein and having blades (5) fixed thereon. Each blade (5) is made of a flat ring section and fixed on radial bars, installed onto the shaft in a helical line, the blades (5) being placed about each other with opposite direction of the winding. The marginal bars are placed parallel to each other and directed contrary, and the middle ones are placed perpendicular to the marginal bars and directed contrary. The charging and discharge openings are placed in the upper and lower parts of the body, respectively, the discharge opening being provided with a gate valve joined with a drive in the form of longitudinal rod (18) with a cam (20) for gate valve clamping to the body (1).

Claims: 3

Fig.: 8

