

The invention relates to devices for material crushing, in particular for grain crushing in installations for preparation of mixed fodders.

The grain crusher contains, installed onto supports (12, 13), a horizontal plate (7) with a grain feeding window, under it there is fixed a working chamber (1) with the bottom as a calibration sieve (2), and on it – a drive from the electric motor and a bunker (14) with inclined walls and an outlet branch pipe (15), communicating with the grain feeding window (8), a vertical drive shaft (5) equipped on the bottom end with a disk (6) to which flat knives are fixed at a distance of 3...5 mm above the bottom, on the longitudinal parts of each of which are made slants with edges at an angle of 25...30° with the knife plane, a gate (16) and magnetic separators (17, 18). The working chamber (1) is additionally equipped with an inclined tray (11) for grain feeding from the window (8) to the disk (6), the bunker (14) is made with the displaced outlet branch pipe (15) of rectangular section, the gate (16) being installed onto an inclined wall (19), which direction of inclination coincides with the direction of inclination of the tray (11), and the gate adjusting end is located inside the outlet branch pipe (15).

Claims: 2

Fig.: 4

