

The invention relates to biomass processing equipment and can be used in livestock farming, processing and food industries for the production of granular combined feed.

The pellet conditioning cooler comprises a frame (1), on which is fixed a semi-cylindrical body (2), in which is mounted a drum (3), closed by covers (6, 7), driven by a motor-reducer (15) and made of mesh. In the drum (3) is mounted a screw (4) and a hollow cylindrical body (5), which communicates with a blow fan (21). On the covers (6, 7) are fixed plates, on which are fixed grooved rollers (13), made with the possibility of sliding on rings (9, 10), fixed on the ends of the drum (3). In the lower part of the body (2) are made rectangular holes, in which are fixed baskets (18), which communicate with an exhaust fan (20). On the cover (6) is fixed a loading hopper (22), and in the lower part of the body (2) is made a pellet discharging hole (23). On the inner edges of the body (2), longitudinally thereto, are fixed brushes (26) and rubber strips (27).

Claims: 2

Fig.: 3

