

The invention relates to mechanical engineering, particularly to machines for building materials industry and can be used for briquetting agricultural and industrial products and materials waste.

The pressing machine, according to the first variant, comprises a cylindrical body (1) with a pressing chamber (2), made with an upper loading gate and a lower product unloading gate with valves, and equipped with punches (3) oppositely directed to the body (1), set up in guides (4) and joined with connecting rods (5), connected through a lever with drive. The lever is designed as a coaxial force element, embracing from the outside the cylindrical body (1) and equipped with brackets (7) for connection to the drive. The force element is designed as a frame (6). The connecting rods (5) are attached to the frame (6) in its corners, and the inner surface of the frame (6) is conjugated with the outer surface of the body (1).

The pressing machine, according to the second variant, contains a force element, made in the form of two frames – upper and lower, the inner surfaces of which are conjugated with the outer surface of the body (1). The upper connecting rod is attached with one end to the upper frame in its corner, and with the other end – to the punch (3). The lower connecting rod is attached with one end to the lower frame, and

with the other end – to the punch (3). The connecting rods are connected to the plunger (3) through an axis, and each frame is provided with a drive to perform a swinging movement.

Claims: 2

Fig.: 4

