

The invention relates to the mechanical engineering, in particular to the pressing machines for the building material industry and may be applied for filings, swarf, forage, manure briquetting, as well as for oil screw squeezing out from plant seeds.

The pressing machine, according to the first variant, comprises a cylindrical body with a pressure chamber, made with charging and discharging ports with valve gates, equipped with drives and pistons opposite towards the central axis, installed into guides and joined by means of a lever with the drive. The lever is made in the form of ring installed coaxially to the body, embracing it. The pistons and the piston guides are additionally provided with change inserts, at the intersection of the piston guides inserts faces being made vertical facets, oriented towards the pressed article. The valve gate of the charging port is additionally equipped with a mobile insert, installed onto spring-loaded centering screws. Onto the lower surface of the insert, round the perimeter, there are made grooves for facet formation onto the upper surface of the article. The valve gate of the discharging port is made in the form of pusher, equipped with change insert, onto the upper surface of which, round the perimeter there are made grooves for facet formation onto the lower surface of the pressed article.

Claims: 16

Fig.: 30