

An installation for hot pressing of articles made of high-resistance composite materials contains a press with plates, a device for electric heating with current leads and a detachable processing unit with a matrix and a punch. The detachable processing unit is equipped with a flat heater mounted perpendicularly to the axis of punch and limiting the matrix cavity on one of the ends. The invention relates to powder metallurgy, in particular, to the devices for hot pressing of thin plates, mainly, from high-resistance refractory composite compounds by transmission of current.