

The invention relates to the construction, particularly to the presswork.

The process for presswork, according to the first variant, includes loading of mixture into the closed mould of the form-shaping tool, containing a mobile matrix and a pair of punches, of which one is immobile, closing of matrix and pressing of mixture by displacing the matrix and the mobile punch. The direction of displacement of the matrix and of the punch coincides with the direction of the pressing force. Loading of mixture into the mould of the form-shaping tool is carried out perpendicular to the direction of the pressing force and of the displacement of matrix, at the same time pressing is carried out quadrilaterally by means of punches, the working surface of each of which being made concave in the form of two planes inclined towards each other.

The form-shaping tool for presswork, according to the first variant, includes a closed mould with mobile matrix and a pair of punches, one of which is immobile. The matrix is made composite and is formed by two lateral walls, by the surfaces of two gate valves and of both punches. The working surface of each of the punches is made concave in the form of two planes inclined towards each other with the possibility of quadrilateral pressing, at the same time the angle between the plane of the working surface of each punch and the lateral wall of the matrix conjugated to it constitutes 45° .

Claims: 6

Fig.: 6