



ABSTRACT
IMPROVEMENTS INTRODUCED IN CARDBOARD BOX FORMING
MACHINES

The improvements are centered on the forming element of this type of machines, which is introduced in a matrix containing a pressed cardboard plate which after folding thereof forms a box.

The former consists of two rectangular opposite plates (1, 2), joined together by a bridge by means of a guides and bolts system (5) in each plate, thus permitting the variation and adjustment of height with regard to the machine support.

Between them on each side of the bridge (3) there are some wings (6, 7), with the possibility of pivoting with regard to the top edge thereof that forms a rotation axis. This pivoting is delimited by some round profiles (12, 13) located between the plates (1, 2) and between each respective wing (6, 7.)

The wings (6, 7) can have a rectangular plan or "U" shape in order to reduce the weight, and the plates (1, 2) can be joined by the bridge (3) or by a fixed sheet between the top edges of said plates.

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