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**MODIFICATION OF A DRIVE MECHANISM OF A PRESS PLATE
IN A DIE-CUTTING PRESS**

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***Research Methodology.*** *The mechanism of a die-cutting press has been studied with the help of experimental methods, also kinematic and force analysis has been done.*

***Results.*** *Based on results of the study of a die-cutting press, it has been found out that a moving plate has oscillatory motion. It affects the quality of die-cutting negatively. This disadvantage is eliminated by replacing the mechanism of a drive of a press plate.*

***Novelty.*** *A new mechanism of a drive of a press plate has been suggested based on a combined mechanism and it consists of slider-crank contours.*

***Practical Significance.*** *A new mechanism secures the parallelism of plates during the working cycle. It provides the stability of a working process of the machine and the high quality of production.*