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**SYSTEM FOR PROVIDING OF TAPE EVEN TENSION
IN UNWINDING PROCESS IN WEB PRINTING PRESS**

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***Research methodology.*** *Theoretical studies have been carried out using the latest achievements in the field of mechanics of machines.*

***Results.*** *A new line-feeding system of a web printing press has been suggested, which allows to provide a steady tension on the paper tape during the whole period of unwinding of a roll (from maximum radius to minimum). The method of calculation of the main parameters of the developed line-feeding system has been presented.*

***Novelty.*** *The system to ensure the uniform tensioning of the tape during unwinding of the roll in a web press has been designed. This system will allow to ensure the supply of paper tape to the printing press evenly with a constant force in the printing process.*

***The practical significance.*** *The original, technologically-proven design of the device has been constructed to create and ensure constant tension of the paper tape during unwinding of the roll in a web press. The use of such a device will allow to provide steady tension of the paper tapes over the entire range of unwinding and will help ensure the stable operation of the printing press when printing.*