

BZR

WEB TENSION REGULATOR

The BZR tension regulator maintains constant web tension even when the outside diameter of the reel varies. The outside diameter is measured by ultrasonic, eliminating the need for any direct contact with the product.

The ultrasonic signal is converted by the central control unit into an air pressure value, to control a brake or a torque limiter. The pressure is regulated in such a way that the torque takes account of the outside diameter of the reel concerned, to ensure constant tension.

The BZR tension regulator can be used for different types of application, as an option:



- for example, the torque can be regulated in successive steps, if the installation is equipped with a brake with several sets of brake jaws. (*)
- it can also be provided with web break detection, with regulation stopped if a break is detected. (*)
- control by means of a switch between two separate winding stations. (*)

(*) Option available on request

Our BZR can be built into a new installation. It is also ideally suited for integration into any modification or optimization project for existing installations, offering excellent value

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