

Title (en)
Yarn traverse device

Title (de)
Fadentraversiervorrichtung

Title (fr)
Mécanisme de va-et-vient de fil

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Abstract (en)
The present invention relates to a yarn traverse device for use with an automatic yarn winder having a plurality of winding units comprising a plurality of yarn traverse units (U) each having an upper rotating wing (1) and a lower rotating wing (7) which rotate in opposite directions and which are slanted with respect the axis of rotation of a touch roller (T) or a package (P), which overlap partially with the wings of adjacent traverse units (U) and the rotational centers of which are offset to each other. To reduce the overall height of the yarn traverse device a height adjustment pulley member (M) having two pulleys (m1, m2) which rotate in unison is arranged between yarn traverse unit groups (G1, G2) comprising a plurality of yarn traverse units (U) and the yarn traverse units (U) of one yarn traverse unit group (G1) are driven by a drive belt (b1) wound on one pulley (m1) of the height adjustment pulley member (M) and the yarn traverse units (U) of the other yarn traverse unit group (G2) are driven by a drive belt (b2) wound on the other pulley (m2) of the height adjustment pulley member (M)" (Fig. 6). <IMAGE>

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