

ELECTRONIC YARN CHANGING DEVICE FOR CIRCULAR KNITTING MACHINE

Abstract

An electronic yarn changing device for a circular knitting
5 machine includes at least two driving units, at least two impelling
plates respectively connected to the driving units, and at least two
yarn feeding units. The impelling plates are impelled by the
respective connected driving units to perform a one-dimensional
motion. The yarn feeding units are arranged side by side, and are
10 each provided sequentially with a yarn feeding plate, a yarn
clamping plate, a mobile blade plate and a fixed blade plate. The
yarn clamping plate includes a plurality of guide columns disposed
correspondingly to the yarn feeding plate. The yarn feeding plates
are respectively pushed by the corresponding impelling plates to
15 perform a two-dimensional motion due to the plurality of guide
columns. The mobile blade plates are also respectively pushed
when the corresponding impelling plates perform the
one-dimensional motion, and individually perform a
one-dimensional motion once being pushed.

20 FIG. 2