

ABSTRACT**NEEDLE SELECTION STRUCTURE FOR A CIRCULAR KNITTING MACHINE**

A needle selection structure used in a rib knitting machine or interlocking knitting machine, which includes a needle selection unit arranged on a cover plate above a needle dial, a needle cam arranged on the cover plate at a bottom side behind the needle selection unit, and a pushing-up device driven by the needle cam, wherein the needle selection unit is controlled by an external control device to run full-stitch, half-stitch and idle course knitting operations, causing plate needles and cylinder needles of the knitting machine to knit a yarn into a ribbed or interlocking fabric.

(FIGURE 1A IS SUGGESTED FOR PUBLICATION)