Semi-Jacquard Type Flat Knitting Machine

SHIMA SEIKI
The SFF-series offers an economical line-up of specialty machines based directly on technology derived from our proven SES-series. These compact and space-saving single rahben machines specialize in such applications as plain, rib and tubular knits in panels as well as accessory parts such as collars, plackets and pockets. The SFF131-S features the lightest, most compact carriage in computerized flat knitting applications, while the SFF152-T features a twin-carriage configuration complete with transfer capability. The SFF153-S features a triple-system carriage capable of full Milano rib knitting as well. Each of the SFF-series machines is a cost-effective solution for supplementing production with specialty items.
Knitting Technology

**An easy-to-read user-friendly LCD controller**

Shima Seiki R&D philosophy centers around optimum interface between user and machine. All software control of the SFF-series is performed via an easy-to-read interactive liquid crystal display unit, while each surrounding button switches between multiple functions for user-friendly interface. The latest in computerized knitting functions are right at your fingertips.

**Tandem capability for 2-system or 2x1-system operation**

The SFF152-T features twin carriages, each with a single-system cam setup. While both carriages can be used together along the entire width of the needle bed for knitting wide panels in double-system mode, the carriages can be separated into two single systems for knitting two identical pieces simultaneously. Tandem operation capability thereby allows the machine to perform two separate roles, significantly increasing the versatility and flexibility of the machine.

**Improved quality control with the top tension device**

The top tension device employs a convenient one-touch threading system for quick and easy set-ups. When knots are detected during knitting, the top tension automatically adjusts machine operation according to the situation. The machine stops for large knots, while small knots cause the machine to simply slow down to a preset speed adjustable by 10 levels. The top tension device thus serves as an effective quality control sensor.
In order to ensure safe operation of the equipment, please review all operation manuals carefully before use.