

SFE 2

Storage feeder: Combines the latest technology and functionality to the essentials



The SFE 2 storage feeder is used for feeding yarn to knitting machines with regular and irregular yarn consumption. The unit is operated with 3 x 42 VAC.

The tool-free input tensioner with modular structure allows a consistent operating procedure in different mounting positions of the units.

The direction of rotation of the winding disc can be adjusted according to the yarn to be processed (S or Z twist). The yarn quantity is controlled by a newly developed optical-mechanical sensor system.

A circumferential LED light strip provides information about the respective operating status.

The output yarn tension is adjusted steplessly with the easy accessible rotary knob on the output of the unit.

ADVANTAGES

- Compact design
- Modular swiveling input tensioner
- Adjustable direction of rotation of the winding disc (processing of S- and Z-twisted yarn)
- Monitoring of the yarn quantity by optical-mechanical sensor technology
- Circumferential LED light strip providing information on the respective operating status
- Stepless adjustable yarn output tension by means of the latest spiral brake technology



▶ SFE 2

Components SFE 2

EASY ADJUSTMENT OF THE YARN TENSION

The yarn tension is adjusted via a rotary knob and clearly visible markings.

EASY REPLACEMENT OF THE OUTPUT YARN TENSIONER.

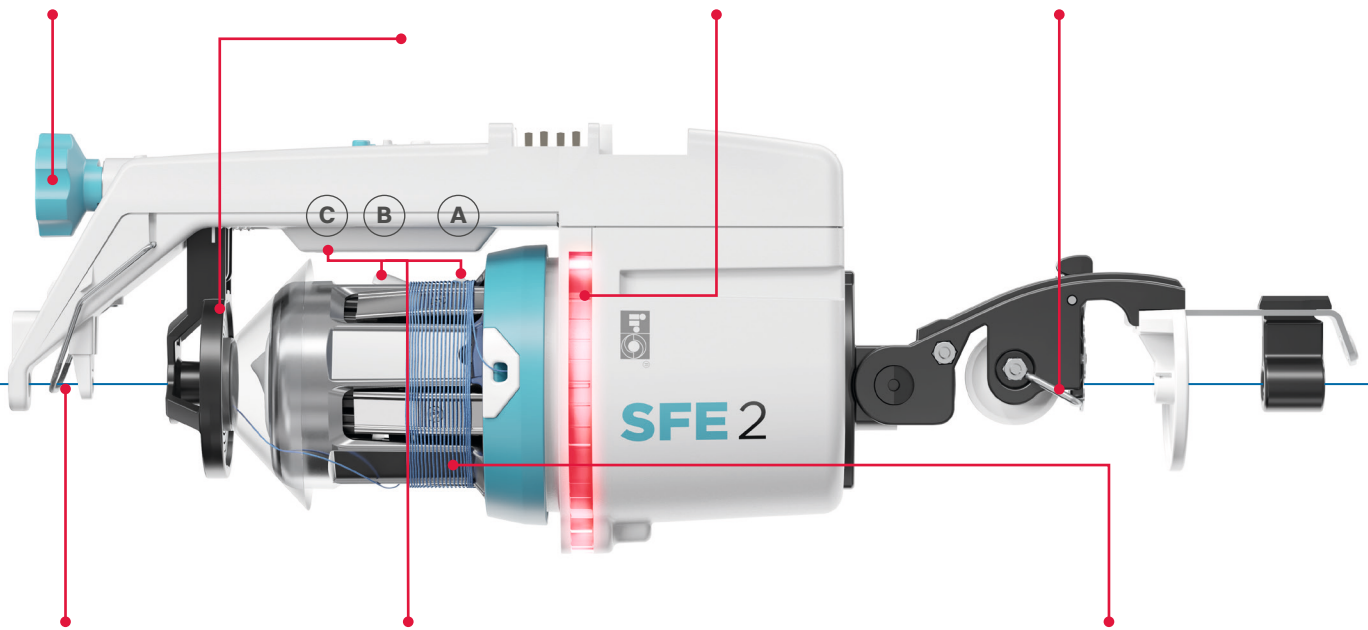
The yarn output area can be swiveled for easy replacement or cleaning of the spiral brake.

CIRCUMFERENTIAL LIGHT STRIP

Clearly visible circumferential light strip to indicate the operating status of the unit.

INPUT TENSIONER

The special shape of the swivel range of the tensioner allows easy threading regardless of the mounting position.



MECHANICAL OUTPUT STOP MOTION

Stops the machine in case of yarn breakage between the SFE 2 and the machine.

SENSOR TECHNOLOGY

Sensor A (mechanical) controls the yarn infeed (stop motion in case of yarn breakage in front of the unit).

Sensor B (mechanical) controls the filling level.

Sensor C (optical) controls the motor speed (constant filling quantity).

SPOOL BODY / SWITCHOVER S-Z

Stationary spool body. Adjustment of the direction of rotation in S and Z possible.

TECHNICAL DATA

Power Supply:	3 x 42V AC
Current:	0.44 A
Average power:	25 VA
Yarn tension:	1.0 cN - 10 cN, depending on the processed yarn
Yarn gauge range:	20 - 500 dtex
Max. Yarn feed rate:	600 m/min
Weight:	1.2 kg

ADVANCED KNITTING TECHNOLOGY

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