Semi-automatic, universal bobbin machine

KFF-C

for the spooling and winding of threads, cords, braids and narrow fabrics in parallel, multi-cross and precision cross-winding

KFF-C

Concept

This new generation, semi-automatic bobbin machine is fitted with the latest control and operating technology. A laying motor is employed for bobbin laying. All winding and laying parameters can be flexibly set. Bobbin width, parallel-, cross- and precision laying, laying passes, etc. can be individually programmed and stored. As a result of the use of modern microprocessor controls, movements with an accuracy of 0.1 mm can be reached. Winding patterns, edge structure and thread laying can be defined by the operator using a control program.

Advantages

- Flexible machine use.
- Short setting and resetting times due to microprocessor controls with storable winding parameters that can be retrieved at any time.
- Choice of parallel, multi-cross and precision cross-winding patterns.
- High levels of operator comfort.

Options

- 2 winders per head
- Length measurement device (light/heavy)
- Highly dynamic servodrive for large laying passes and high winding speeds (instead of step motor), with touch screen operation
- Knot catcher
- "CENSOR" tape defect detection device
- Run-off device with permanent and standstill brakes for rolls/bobbins or skeins
- Powered run-off device for large bobbins
- Untangling and pre-transport device
- Multiple yarn take-off from the overhead cones (1 – 8 threads)
- Multiple yarn take-off from the creel (more than 8 threads)
- Thread brakes and monitors (single or multiple)
- Pneumatic thrust bearing
- De-tensioning device
- Automatic shutdown upon attainment of the desired bobbin diameter
- Anti-static device

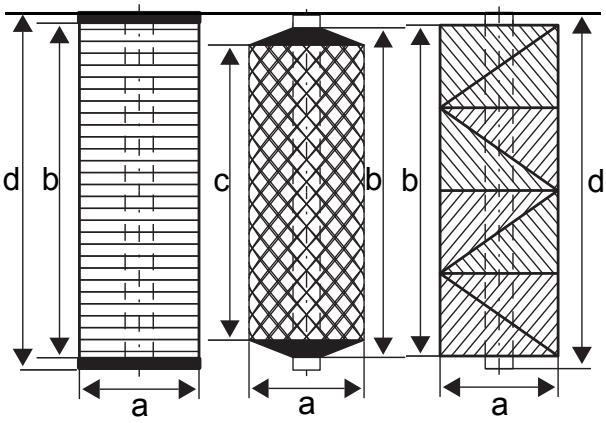
Machine types

Basic frame with 1 winding head
Basic frame with 2 winding heads

Spindle speeds (Standard with step motor)

- Parallel winding: max. 4000 min^{-1}
- Cross-winding: dependent on the displacement per winding spindle rotation
- Laying speed: max. 20 m/min

Maximum bobbin dimensions



	Parallel	Multi-cross	Precision cross
a)	240 mm	240 mm	240 mm
b)	300 mm	300 mm	300 mm
c)		280 mm	
d)	320 mm	320 mm	320 mm

Other requirements on request

Technical data

Connections

Rated output	1 kW per winding head
Mains connection	3x 400 V – 50/60 Hz

Dimensions

With take-off device	
Width	2000 mm
Depth	1000 mm
Height	1700 mm
Without take-off device	
Width	1000 mm
Depth	1000 mm
Height	1700 mm

Fascination of Ribbons and Narrow Fabrics
Innovation in Machinery

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