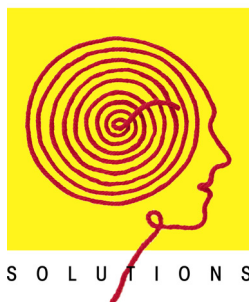




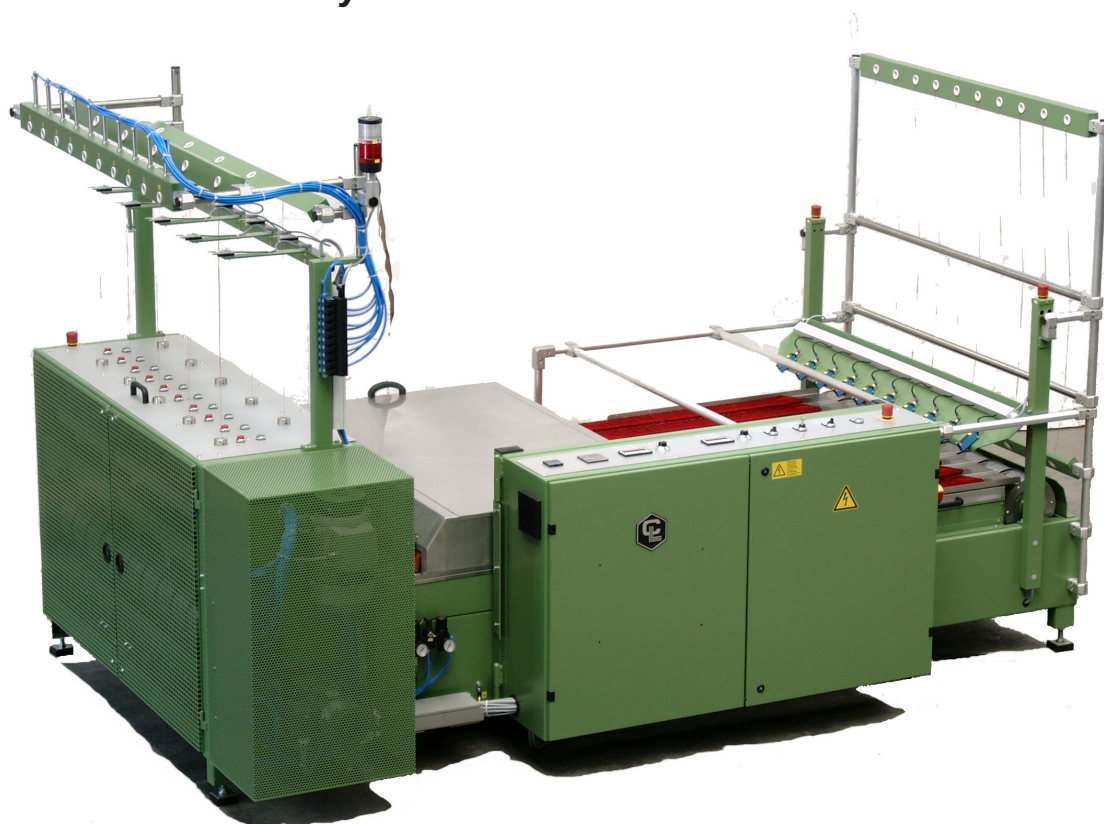
INTELLIGENT  
YARN PROCESSING



*Steaming machine*

**FG**

*for fine yarns*



[www.croon-lucke.com](http://www.croon-lucke.com)

**C+L TEXTILMASCHINEN GmbH**, Flachsstrasse 14, D-88512 Mengen / Germany  
Tel.: +49 (0)7572 601-0, Fax: +49 (0)7572 601-25 [info@croon-lucke.de](mailto:info@croon-lucke.de) [www.croon-lucke.com](http://www.croon-lucke.com)

# Steaming / Bulking Machine type FG with electric steam generation and / or saturated steam input.

A round cross-section combined with high volume yarn is the main demand of yarn manufacturers. Natural and synthetic yarns as well as their blends thus have to be shrunk to improve yarn quality.

For yarn manufacturers, the flexibility of a steaming machine is an important criterion. Therefore, our steamer type FG is covering a wide count range from approx. Nm 7 up to more than Nm 50.

On C+L's steaming machines type FG, high twisted yarns, single or multiple fold, can be processed without pre-steaming. They are used world-wide for the handling of difficult yarns like raised and brushed yarns, fancy yarns as well as special yarns like Ply-fil, Wrap-spun or Repco.

In order to achieve optimal shrinkage and relaxation of the various yarn types, C+L incorporates the following advantages into their steamers:

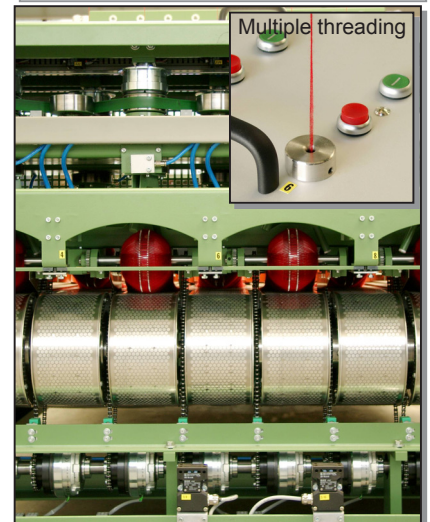
- Central control unit with digital displays
- Control system of each single track through magnetic couplings
- Pneumatic threading for each track, pick-up speed 200 - 1.000 m/min
- Electronic yarn detectors with signal lamp for yarn in-take
- Multi threading possible
- Layer heads held by two screws, service-friendly design
- Tension-free deposit on tracks
- Reversed yarn laying on tracks for trouble-free take-off at track end
- Even yarn spreading on tracks to avoid squeezing and bending
- Track speed 1,0 – 5,0 m/min
- Pre-heating of yarn to minimize condensation on yarn
- Constant steaming temperature for lowest residual shrinkage ( $\geq 1\%$ )
- Steaming zone cover reflects heat to create optimal shrinking
- Intensive cooling zone behind steaming zone gives and stabilizes high volume of yarn, disconnectible
- Sensor control of yarn take-off from track with adjustable intervals. Automatic stop in case of yarn filled track and automatic restart after yarn take-off.
- Trouble-free take-off from tracks
- Easy to maintain layer heads pressure control units for water, steam and air
- Electronic temperature setting and adjustment of minimum limit
- Timer-controlled switch ON/OFF of heating for seven days

Our steaming machines type FG are available as

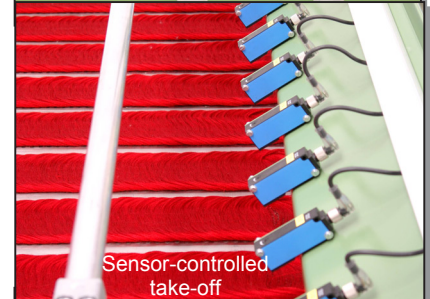
- FG 100 with electrical steam heating
- FG 101 with external heating by saturated steam
- FG 102 with combined electrical / external steam heating



Central control panel



Multiple threading



Sensor-controlled take-off



Colling/drying section with fluff filter



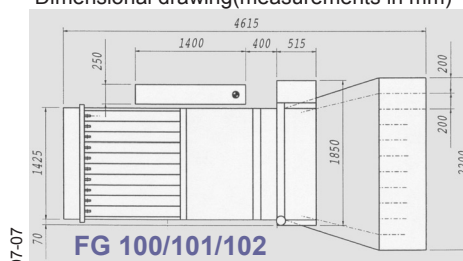
Easy maintenance



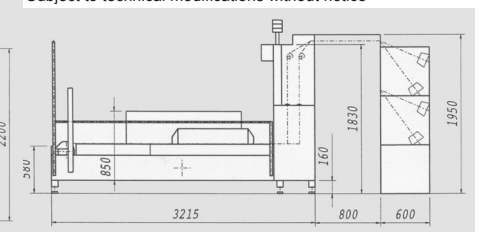
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Dimensional drawing (measurements in mm)



Subject to technical modifications without notice



07-07