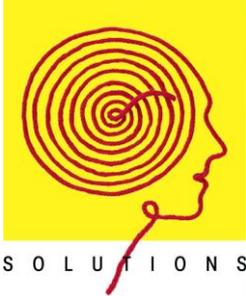


INTELLIGENT  
YARN PROCESSING



SOLUTIONS



*Steaming machine*

**HG**

*for coarse yarns*



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

**C+L TEXTILMASCHINEN GmbH**, Flachsstrasse 14, D-88512 Mengen / Germany  
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# Steaming / Bulking Machine type HG 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 have to be shrunk to improve yarn quality.

For yarn manufacturers, the flexibility of a steaming machine is an important criterion. Therefore, our steamers type HG are covering a wide count range. Due to a compact construction, space requirement is considerably reduced in comparison to other systems in the market.

On C+L's steaming machines type HG, 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, brushed and fancy yarns .

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

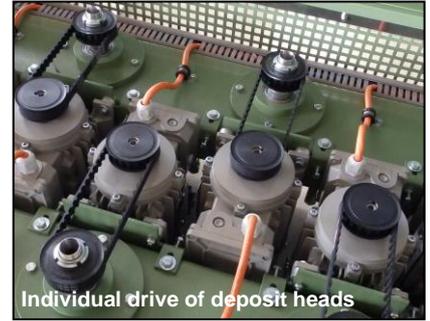
- Central control unit with color touch screen
- Individual drive with one frequency inverter per track and deposit flyer/head for
  - save and reliable threading on each track
  - smooth yarn treatment
  - preventing damage of deposit heads
- Pneumatic threading for each track, pick-up speed 250 - 650 m/min
- Electronic yarn detectors with signal lamp for yarn in-take
- Multi threading possible, subject to trials
- Layer heads held by two screws, service-friendly design
- 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 0,8 – 6,0 m/min
- Pre-heating of yarn to minimize condensation on yarn
- Constant steaming temperature for lowest residual shrinkage ( $\geq 3\%$ )
- Steaming zone cover reflects heat to create optimal shrinking and prevents yarn being humidified by condensate
- 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.
- Electronic temperature setting and adjustment of minimum limit
- Available with track width 110 mm or 200 mm and with 4, 5, 8 or 10 tracks
- On option: Timer-controlled switch ON/OFF of heating for seven days

Steaming machines type HG are available as type:

- HG 400 / 500 / 800 / 1000 with electrical steam heating
- HG 401 / 501 / 801 / 1001 with heating by saturated steam
- HG 402 / 502 / 802 / 1002 with combined electrical / saturated steam heating



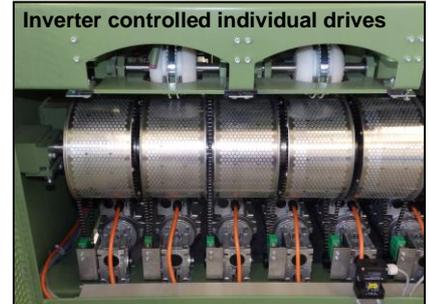
Control panel with touch screen



Individual drive of deposit heads



Deposit head with reversal of yarn



Inverter controlled individual drives



Light barrier controlled yarn take-off



Coiling / drying section with fluff filter



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Dimensional drawing (measurements in mm)

