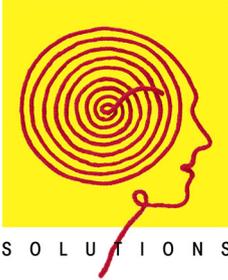
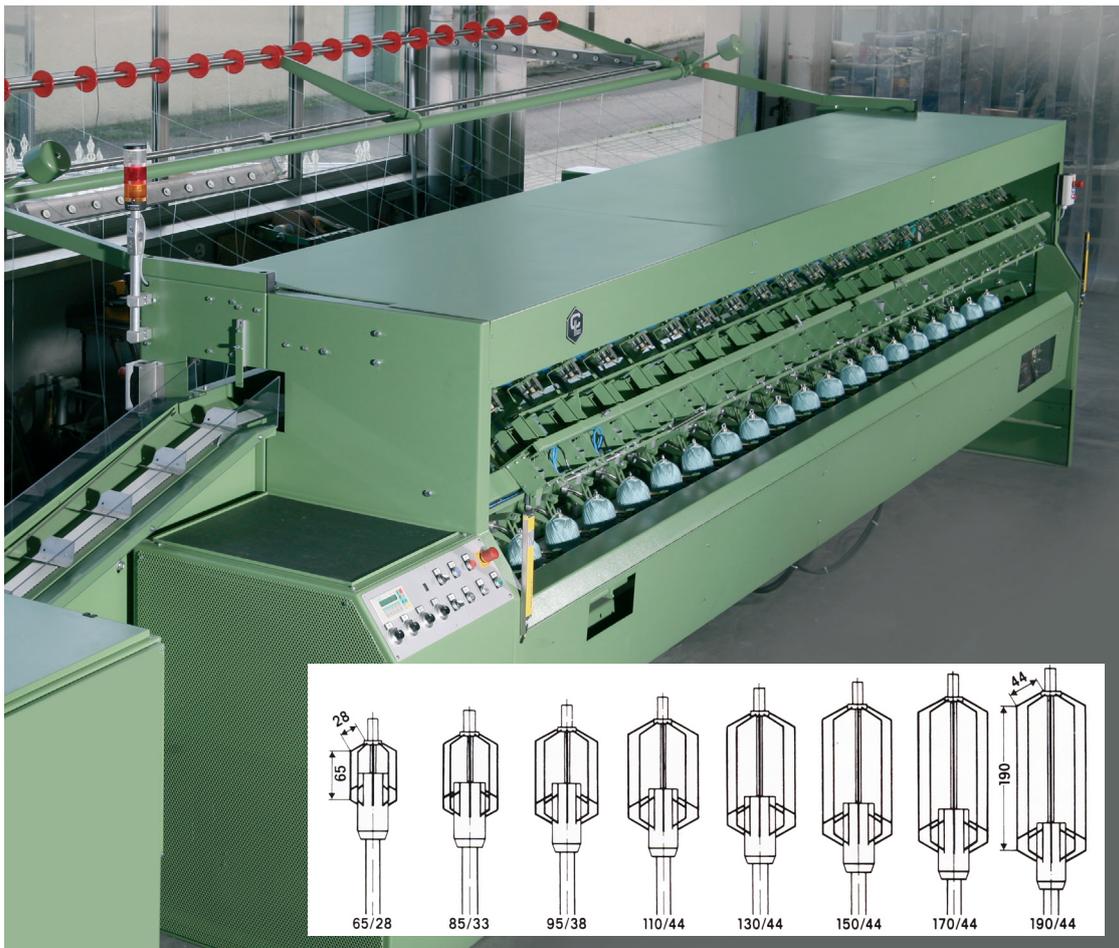


INTELLIGENT
YARN PROCESSING



Fully-automatic balling machine

RKC 1600 / 2000

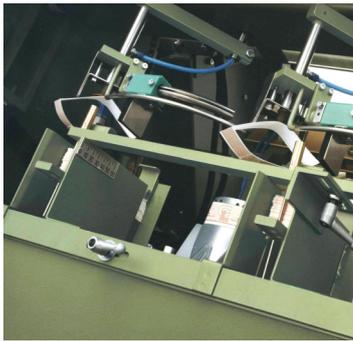


www.croon-lucke.com

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 www.croon-lucke.com

Fully-automatic balling machine RKC 1600 / RKC 2000

with automatic winding programme and inverter controlled servo drive of winding mandrels



Automatic banding process (pre-manufactured bands taken from a magazine)



Automatic doffing process



Operation panel with display



Servo drive for winding mandrels



Automatic scissors

TECHNICAL SPECIFICATIONS:

- available with 16 or 20 winding positions
- for balls from 25 to 170 g, depending on yarn count, heavier ball weights subject to trials
- inverter controlled servo drive of winding mandrels (max. 190 mm) and according winding flyers
- no hydraulic or mechanical gear box necessary
- all usual cross patterns (electronic gear)
- crossing ratio of base and surface winding controlled separately
- all crossing ratios from 1:3 up to 1:230 are possible
- 3 cross to 10 cross ball winding adjustable by a switch on the operation panel
- common adjustment for the winding flyers
- pneumatic threading with air valves
- precision thread laying infinitely variable and fine-adjustment by rotary switch, separately for base and surface winding
- tool-less, easy change of mandrels
- easy maintenance by easy accessibility of the technical components

Control system with

- keyboard and LCD display
- easy set-up of winding parameters
- machine error messages in clear text on the display



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Standard equipment:

- yarn breaking control
- automatic yarn cutting at cycle end
- automatic, tool-less initial threading
- parallel winding
- pneumatic threading with air valves
- automatic thread brake
- flyer monitoring to avoid damage on flyers and mandrels
- cup conveyor belt
- automatic banding and doffing device can be switched-off for the winding of flat balls or balls on carton tubes

Options:

- thread end inserted in the ball by mechanical hook, no vacuum or mandrel crown necessary (suitable also for crochet or fantasy yarns and angora)
- material supply tension control
- inline automatic packaging line to pack balls in one or two levels in pre-manufactured plastic bags
- fabric mandrel cover

Dimensional drawing (measurements in mm)

