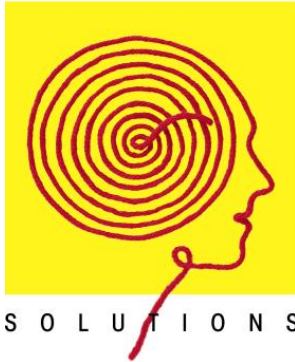




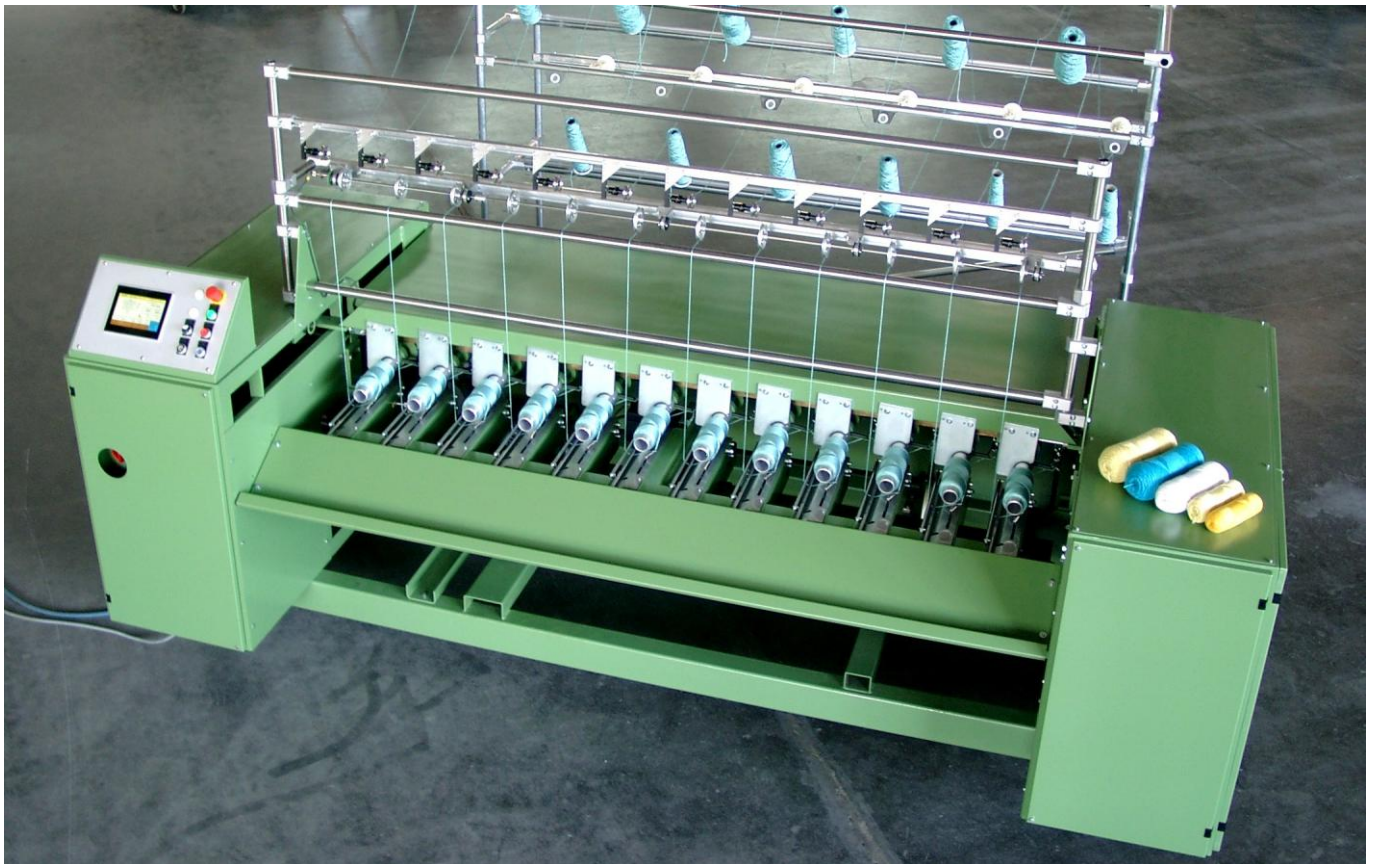
INTELLIGENT
YARN PROCESSING



Balling machine

PS 12

for pull skein balls or precision wound packages



www.croon-lucke.com

C+L TEXTILMASCHINEN GmbH, Flachsstrasse 14, D-88512 Mengen / Germany
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Pull skein balling machine / precision winder

PS 12 (12 positions)

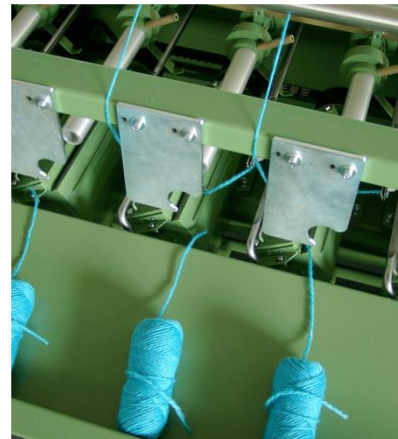
with automatic winding program and electronic traverse system



Touch screen panel



Fully-electronic traverse motion for precision thread laying



Automatic ball doffing

TECHNICAL SPECIFICATIONS:

- Fully electronic traverse motion for precision thread laying
- precision thread laying
- set-up with touch panel (no mechanical set-up needed):
 - traverse width (rectangular or trapezoidal) adjustable from 10mm to 160mm
 - winding length
 - winding speed and/or maximum yarn speed
 - cross + yarn thickness -> self calculating gear ratio or direct insertion of gear/crossing ratio
- 3 different winding layers programmable with individual set-up of winding length plus crossing ratio for each layer
- all crossing ratios from 1:1 up to 1:100 or parallel winding mode
- easy maintenance by easy accessibility of the technical components

TECHNICAL DATA:

Max. mandrel speed: max. 1200 rpm (depending on cross)
Max. traverse width: 160 mm
Mandrel sizes: from 35 up to 100 mm diameter (in steps of 5 mm)

Skein measurements: on mandrel / ~ doffed from mandrel:
max. skein length: 160 mm / ~ 240mm
max. skein diameter: 110 mm / ~ 100mm

For larger skeins we have a machine type BSP 10 G in our product range.



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CONTROL SYSTEM with

- color touch screen (7" WVGA, 800 x 460 dpi)
- recipe storage for up to 300 winding recipes
- easy set-up of all winding parameters
- fault messages in clear text plus description of problem
- in case of power failure, actual and nominal data saving to finish actual winding cycle after power restart
- data backup of winding programmes with Ethernet connection

Standard equipment:

- automatic clamping of thread for new winding cycle
- automatic yarn cutting at cycle end
- automatic doffing of balls from mandrels
- manual central adjustment of distance between thread guides and winding mandrels

Options:

- material supply creel with magazine creeling
- yarn break control
- yarn tension equalization device
- thread end inserted in the ball by mechanical hook, no vacuum necessary
- cup conveyor belt for transport of skeins towards an automatic banding machine
- connection to automatic skein banding machine BAG
- inline automatic packaging machine (automatic skein banding machine BAG requested)

Dimensional drawing (measurements in mm)

