



INTELLIGENT  
YARN PROCESSING



*All-round reeling machine*

# HB 500



Picture:  
HB 500 with  
automatic leasing  
device CLT

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

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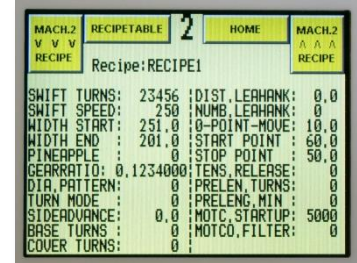
# The Reeling Machine HB 500 sets the benchmarks for the reeling of fine, medium and coarse yarns.

## Standard features:

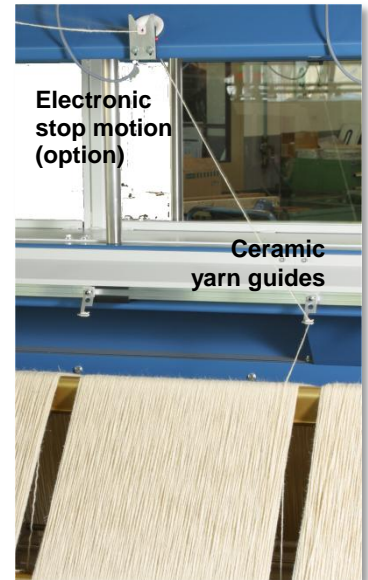
- Electronic Traverse Motion
- two separately driven swifts of 5, 4 or 2,5 m length
- 3 standard variable swift circumferences:
  - Size 1: 1.350 – 1.524 mm with max. 500 rpm
  - Size 2: 1.500 – 1.905 mm with max. 500 rpm
  - Size 3: 1.800 – 2.337 mm with max. 400 rpm
- other variable and fix circumferences on request
- automatic opening and closing of end-door and levelling of swift for hank doffing
- no middle swift support but with pneumatic swift end lift for smooth swift movement when automatic opening and closing the door.
- stop motion device with photo cells
- no hydraulic system in the machine
- control system with color touch screen\* for easy set-up of all reeling parameters
  - hank shapes: rectangular, trapezoidal, cop-built and lea-hank
  - crossing ratio steplessly adjustable
  - 29 diamond crossing can be pre-set
  - fault messages in clear text
  - in case of power failure: traverse keeps moving to keep the crossing until standstill of swifts – all actual and set data will be saved\*
  - incl. recipe storage for approx. 2 x 100 reeling programmes\*



Operation panel with color touch screen\*



Diamond crossing



Electronic stop motion (option)

Ceramic yarn guides

## Standard version:

- max. speed 500 rpm (with swift length 5000 mm)
- hank widths 80 – 560 mm
- reeling positions 2 x 8 up to 2 x 164

## Version prepared for the equipment with CLT Automatic Leasing Device (optional):

### Differences from standard version:

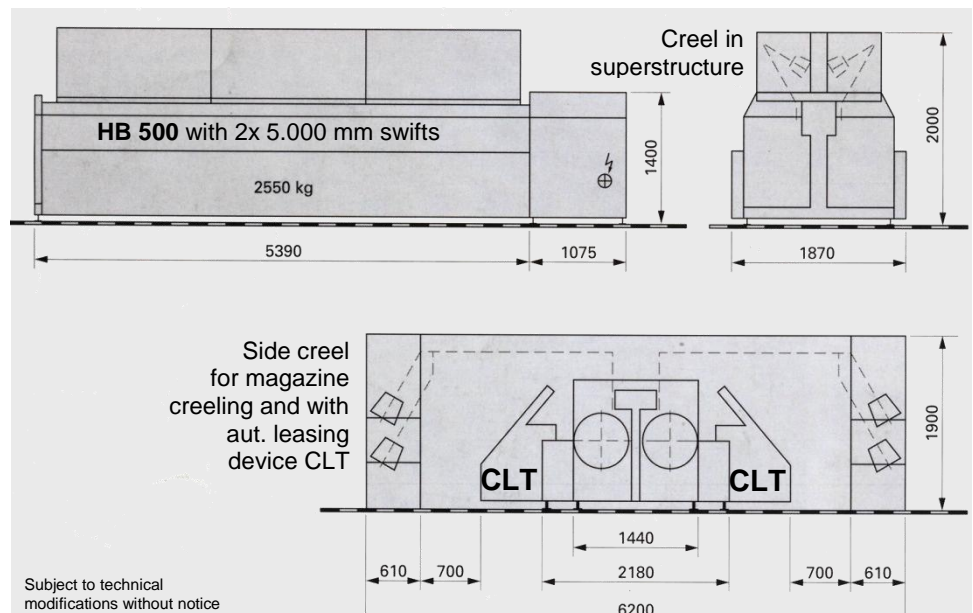
- hank widths standard: 80 – 380 mm  
special version: 150 – 450 mm
- reeling positions standard version: 2 x 12 up to 2 x 41  
special version: 2 x 10 up to 2 x 26
- special reinforced superstructure to safely carry two CLT robots

## Options:

- creels in the superstructure of the machine (without magazine creeling)
- side creels for magazine creeling
- electronic stop motion device
- automatic leasing device CLT (only for accordingly prepared reeling machine)
- pneumatic yarn threading from creel to reeling machine
- yarn tension control device
- set-up of different swift circumferences on control panel\*
- max. speed 750 rpm (with swift length 4000 mm and fix swift circumference)

\* Not available for reeling machines with CLT device

Dimensional drawing  
(measurements in mm)



Subject to technical modifications without notice

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