



INTELLIGENT
YARN PROCESSING



SOLUTIONS



All-round reeling machine

HB 500



Picture:
HB 500 with
automatic leasing
device CLT

www.croon-lucke.com

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

Standard features:

- two separately driven swifts of 5, 4 or 2,5 m length each with excellent dynamical balancing possibility.
- 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
- creel in the superstructure of the machine
- no hydraulic system in the machine

Standard version (PLC controlled, rectangular hanks only):

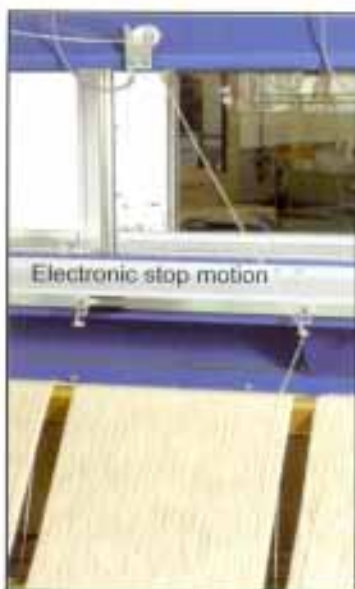
- hank widths from 80 – 380 mm
- reeling positions 2 x 12 up to 2 x 50
- hank length easily adjustable over operation panel
- crossing steplessly adjustable according to hank width. Max. yarn crossing at 120 mm hank width: 1:1,6 at 400 rpm
- 5 pre-set diamond crossings

IPC version (option):

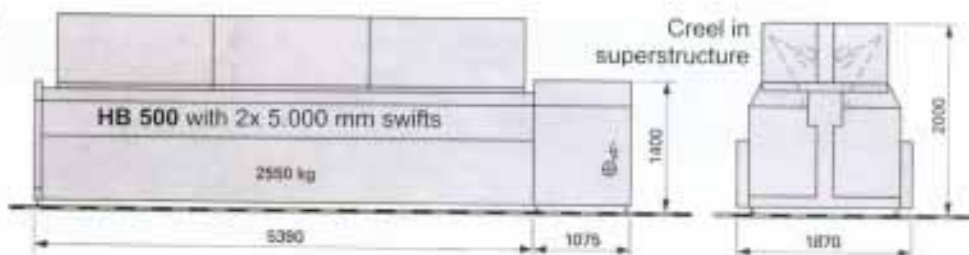
- outstanding hank quality through IPC control system (electronic traverse motion)
- max. speed 750 rpm (with swift length 4000 mm and fix swift circumference)
- hank widths from 10 – 560 mm
- reeling positions 2 x 8 up to 2 x 164
- hank shapes: rectangular, trapezoidal, cop-built and lea-hanks
- crossing ratio steplessly adjustable
- incl. diamond crossing (infinitely adjustable)
- all hank parameters easily adjustable over PC keyboard and LCD screen (optional: touch screen)
- fault messages in clear text on LCD screen (optional: touch screen)

Options:

- side creels for magazine creeling
- electronic stop motion device
- automatic leasing device CLT (with IPC version only)
- pneumatic yarn threading from creel to reeling machine
- yarn tension control device
- swift circumference adjustment by turn switch (max 5 different circumferences)



Dimensional drawing (measurements in mm)



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