

RE-BEAMER

- **single operator for 2 machines:**

the machine will automatically stop if any of the matters mentioned below will happen. There is no need for the operator to stand next to the machine. When the machine stops due to a fault, the operator can fix the issue and look after other machines.

- **break detection system**

- **50% less breaks**

- **automatic comb adjustment**

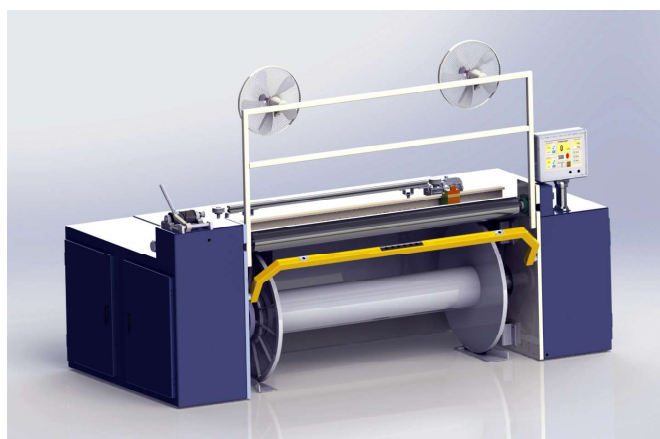
- **mixed rope:** when mixed rope are out of pail the sensor will stop the machine

- **knot rope:** in case of crosseyarn , the sensor will the stop the machine. The cross yarn meter value can be set at the HMI. After the cross yarn is set, the machine automatically will stop at the set value.

- **reverse run option:** if broken yarn went into the beam or if there is a need to take the warp back out, all warps can be released back by turning the beam backwards

- **pail turning system:** the pail can be turned by HMI automatically

- **comb system:** V-type with motor. The comb system contains 33 segments.



RE-BEAMER

RB-500[®]

working width	1.800mm
max. speed	500m/min
PLC	SIEMENS S7-1500
drives	LENZE
beam diameter	1.000mm

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TECHNICAL DATA

RE-BEAMING MACHINE

■ yarn break system:

yarn break system by lamella: The lamellas are attached to the entire yarns. The lamella drops when the thread breaks. The machine stops.

optical yarn break detection system: this system detects a break and the machine stops automatically. When the yarn breaks, the light on the yarn counts the number of breaks and informs the number. Savings of 10–15min compared to the laminated system are guaranteed.

■ high tension on rope: tension on rope is monitored online by loadcell. In case of high tension on the rope, the machine will stop automatically.

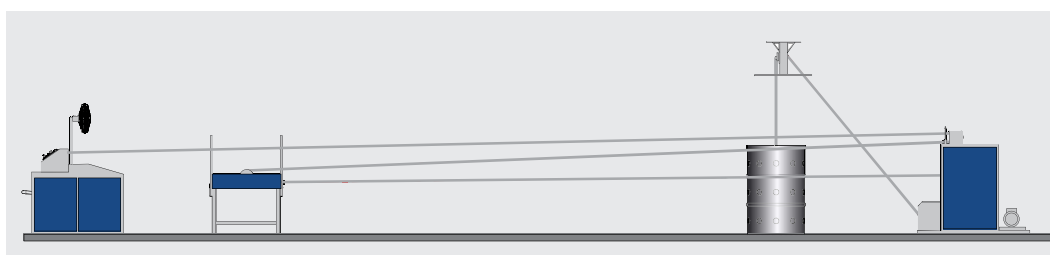
■ loose rope: if the rope is loose, the dancer system will reach to the minimum level and the machine will stop automatically.

■ batch length: the batch length can be set. After the value is completed, the machine stops automatically.

■ machine operating modes: rope preparation mode, stretch mode & pail discharging mode

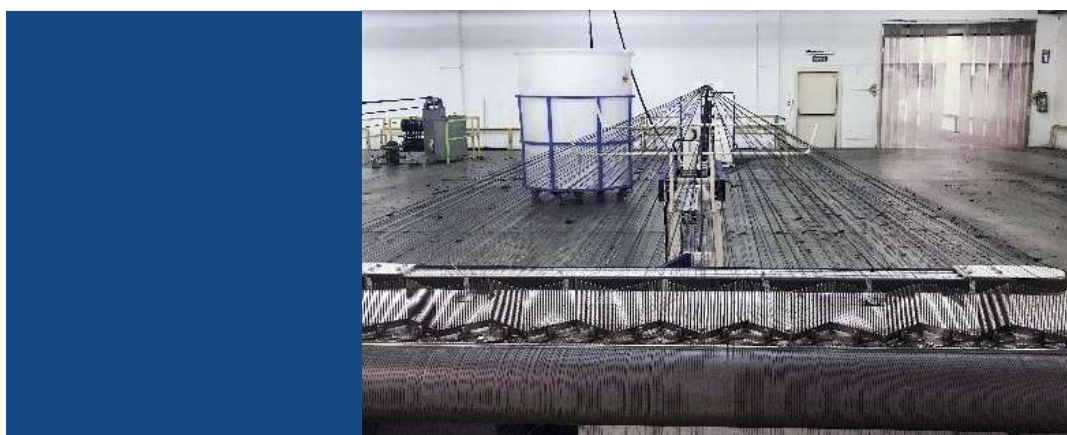
■ dancer system: the in-house developed system prevents high tension or loose tension on the rope during stops and re-runs.

■ tensioner system: it provides perfect rope opening. Breakages caused by the machine is significant lower. The tension is controlled with high sensitivity and yarn breakages are 50% lower.



RE-BEAMER

WORK FLOW



RE-BEAMER

PRO-SMH

