



AXIAL WINDER WITH CALENDER FOR TECHNICAL FABRICS FOR WEAVING MACHINES

ERGODRIVE-LT



***With reclining catwalk
and calender unit***

***Winding tension control
by load cell and pressing roller***



Ergotron offers a digital servo-drive for textile weaving machines, which can be applied as cloth surface winder or cloth axial winder.

ERGODRIVE-LT has been equipped with software required for textile applications. The software enables the operator to control and electronically adjust the winding tension.

The innovation of this system consists in the possibility of programming the winding tension whether constant or linearly decreased from the start to the maximum diameter or vice versa.

In addition, ***ERGODRIVE-LT*** winder can adapt its speed to the loom speed variations and it can also be connected to an ***ERGODRIVE*** take-up in slave mode to receive the weft density changes.

The benefits resulting from this feature are an extreme regularity of winding and the possibility of dynamic changes managed either by the take-up or the weaving speed.

TECHNICAL FEATURES

- Load cell for cloth tension control.
- Winding tension constantly controlled or linearly programmable to perfectly wind-up any kind of fabric.
- Easy programmable by keyboard and LCD display.
- Wide power range and high performances.
- Master(take-up)/Slave(winder) function for synchronized weaving with eight programmable weft densities and cramming function in the same cloth pattern.

ADVANTAGES

- Programmable winding tension.
- Time saving by article change and no need of readjustments during the run.
- Best cloth quality without defects after the weaving.
- Elimination of winding marks such as convolutions and creeps.
- Winding tensions are reproducible and can be recorded on the data sheet of the fabric.
- Synchronized weaving with loom and take-up.
- Jacquard or dobby connection with programmable weft densities and cramming control.
- Maintenance free.

SEPARATE AXIAL WINDER STAND WITH CALENDER



APPLICATION FIELDS

- Suitable for all models of projectile, rapier and air-jet weaving machines.
- Suitable for light and medium fabrics with weft densities range from 0.4 up to 800 picks/cm according to the application.

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