



TOP AND SEPARATE BEAMSTANDS WITH LET-OFF FOR WEAVING MACHINES

ERGODRIVE



TOP BEAMSTAND
Dornier WM

SEPARATE BEAMSTAND
Dornier WM



Ergotron offers a digital servo-drive for textile weaving machines, which can be applied as warp let-off on top and separate beamstands.

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

ERGODRIVE let-off 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.

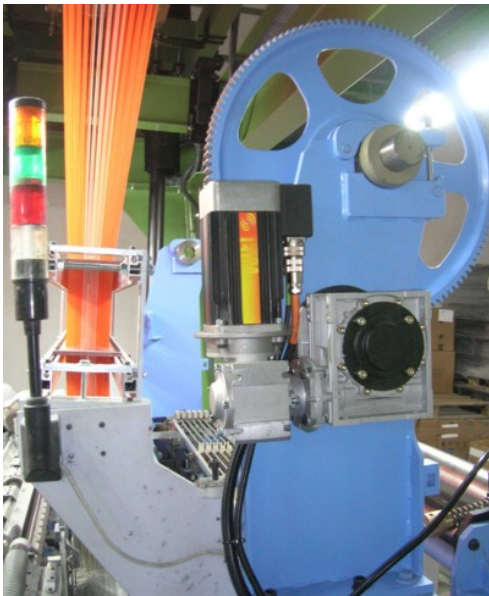
The benefits resulting from this feature are an extreme regularity of weaving and the possibility of dynamic changes managed either by the take-up or the weaving speed.

TECHNICAL FEATURES

- Correcting movements to eliminate stop and start marks.
- Master(take-up)/Slave(let-off) function for synchronized weaving with eight programmable weft densities and cramming function in the same cloth pattern.
- Wide power range and high performances.
- Load cell input or sensor for warp tension control.
- Easy programmable by keyboard and LCD display.
- Warp tension programmable in same or different value from bottom beam to weave technical fabrics and different warp yarns.

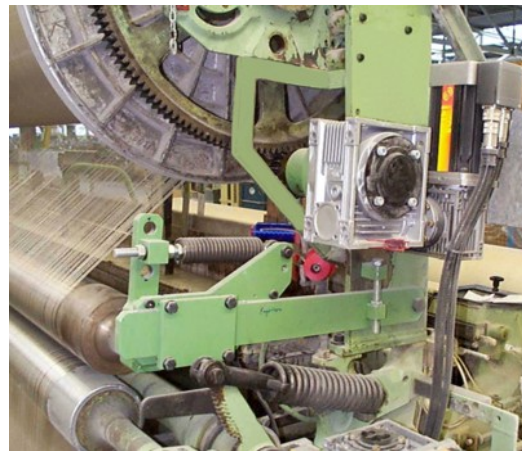
ADVANTAGES

- Best cloth quality without defects during the weaving.
- Elimination of stop and start marks.
- Less warp stops.
- Less adjustments by style change.
- Let-off 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.



**TOP BEAMSTAND
G6300 WM**

TOP BEAMSTAND Sulzer WM



APPLICATION FIELDS

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

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