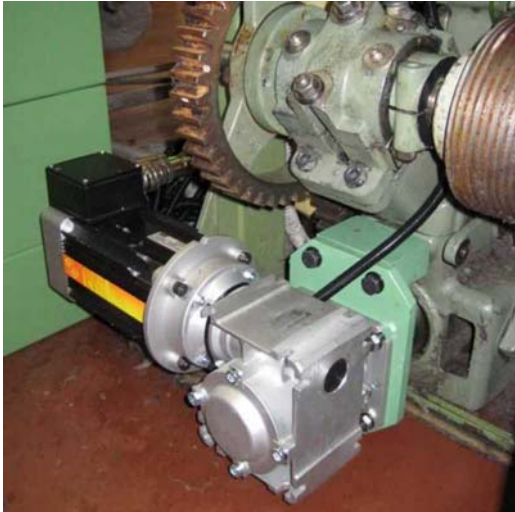




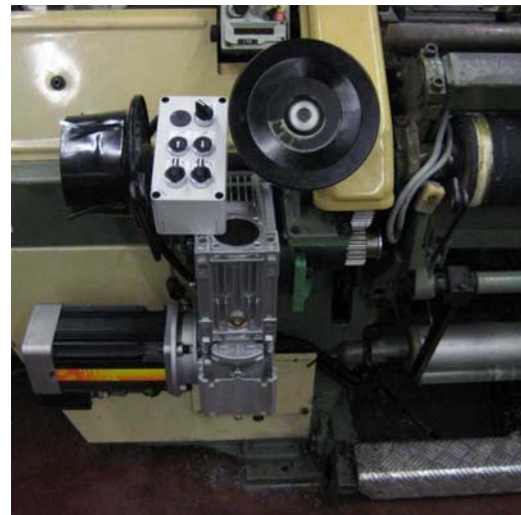
## WARP LET-OFF AND CLOTH TAKE-UP FOR SAURER WEAVING MACHINES

### **ERGODRIVE**



**WARP LET-OFF MOTOR  
S400 WM**

**CLOTH TAKE-UP MOTOR  
S400 WM**



Ergotron offers a digital servo-drive for textile weaving machines, which can be applied as cloth take-up and warp let-off.

**ERGODRIVE** has been equipped with software required for both applications. The software enables the operator to control and electronically adjust important parameters as weft density and warp tension.

The innovation of this system consists in the synchronism of its applications. When a variation is carried out on one or more parameters of **ERGODRIVE**, the other immediately review and adapt its reference data.

The benefits resulting from this feature are an extreme regularity of weaving and the possibility of dynamic changes managed either by Jacquard or electronic dobby.

## 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.

## ADVANTAGES

### WARP LET-OFF

- Better cloth quality without defects during the weaving.
- Elimination of stop and start marks.
- Less warp stops.
- Less adjustments by style change.
- Synchronized weaving with take-up.
- Maintenance free.



**WARP LET-OFF SENSOR  
S400 WM**

### CLOTH TAKE-UP

- Time saving by article change.
- Elimination of stop and start marks.
- Micro-adjustments for weft density and take-up roller diameter.
- Jacquard or dobby connection with programmable weft densities.
- Styles repeatability.
- Maintenance free.

### CLOTH TAKE-UP ENCODER S400 WM



## APPLICATION FIELDS

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

**ergotron**

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