



Modification and electronic automation of any existing Jigger by means of cells charge avoiding all the old mechanical or hydraulic driving systems.

⊗ The *main features* of the transformation are:

1. *New digital tension system* by means of one new passage roll allowing to have the same fabric tension during all the fabric passage from roll to roll.
2. *New driving system* of the winding rolls by means of two asynchron servomotors with reducer.
3. Fabric speed from *0 to 200 meters per minute*.
4. *New electrical control board* with two servoaccionamientos.
5. *Tactile screen* to control all the machine parameters:
 - *Automatic* control of the fabric speed during *loading* and *unloading* operations.
 - *Automatic control* of all the *machine parameters*: Number of fabric passages, fabric speed, fabric tension and electrical motors.
 - *Instant control* of the fabric.
 - *Automatic temperature control*, both in the bath and the chamber to avoid drop condensations.

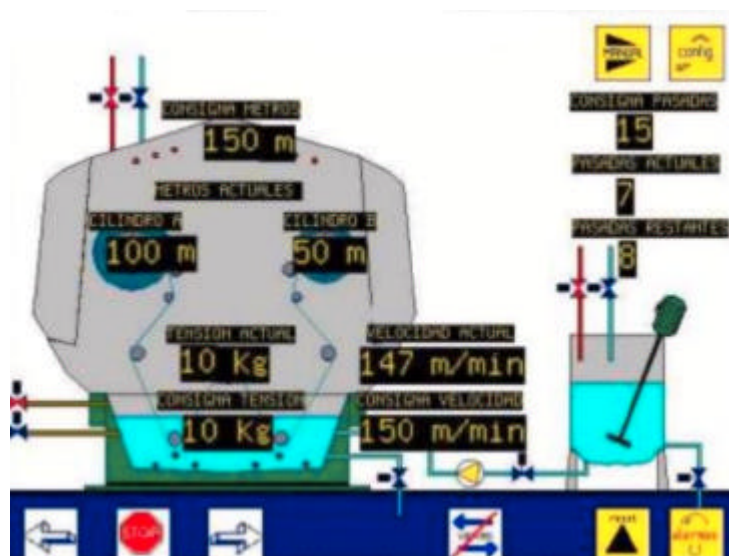
- *Automatic control of direct* and *indirect* steam coils inside the bath.
- Lids *opening* and *closing operations automatic* control.
- Service *automatic checking*.

☒ With these *technical advantages* we improve the following points:

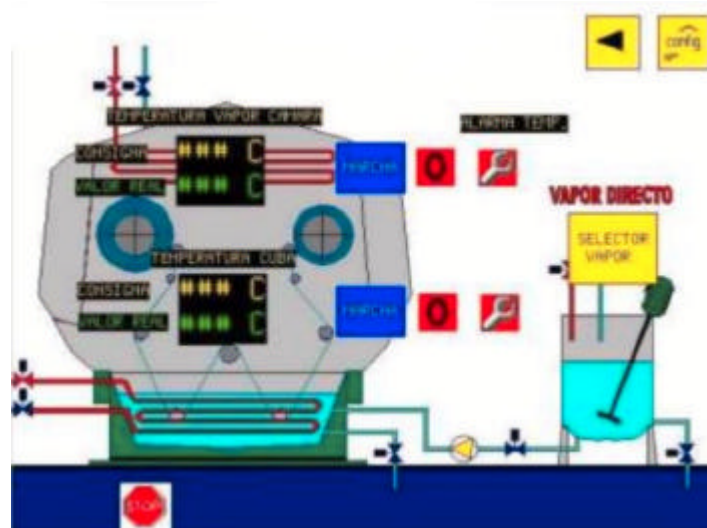
- Fabric quality.
- Higher production.
- Lower energy consumption.
- Lower machine maintenance.
- Lower noise level.

☒ As option we may offer an *automatic dyestuffs kitchen*.

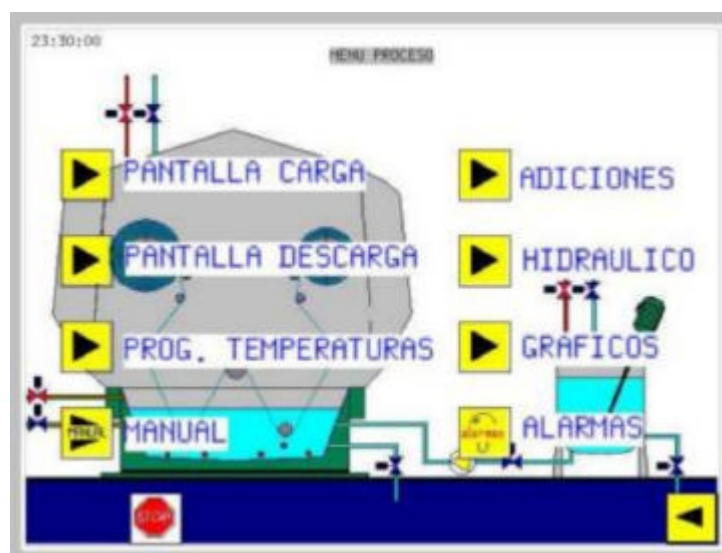




On-line control screen



Temperature control screen



Main control screen