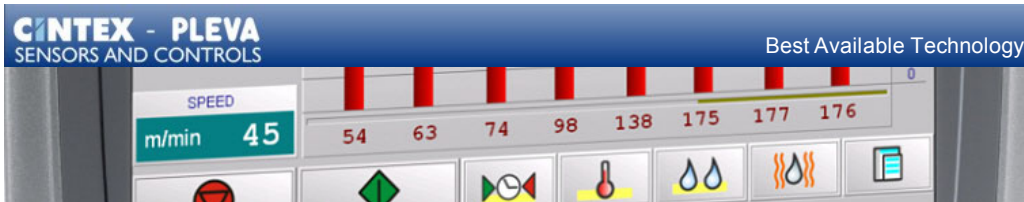


## Heat-treatment on open width knitted goods



**PLEVA presents state-of-the-art technology for heat-treatment process on open width knit goods at stenter.**

The CINTEX control system, in connection with the advanced PLEVA sensors, is optimising the process requirements on dryers in terms of heat-treatment, dwell time, residual moisture and exhaust humidity.

With the new feature OPTIDRY with "Auto-Setting" function, no more input of set values from operator is required.

Small investment with great return for optimised drying and energy saving.



CINTEX-PLEVA control panel with touch screen and OPTIDRY "Auto-Setting" function.

- **Fabric temperature measurement TDS 95**  
to provide accurate control of heatset and drying process
- **Residual moisture measurement RR WIDE**  
New measuring concept to control moisture retention
- **Exhaust humidity measurement FS 91**  
to control exhaust air amount
- **OPTIDRY - Automatic function with "Auto-Setting"**  
Simply to use by the operator

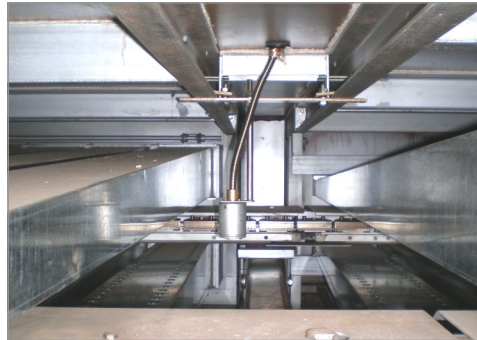
**OPTIDRY**  
with  
„Auto-Setting“



**Best Investment in  
Optimised  
Drying  
and  
Fixation Process**



### Optimised drying and fixation process on open width knit goods



Fabric temperature sensor TDS95 installed in side of the stenter, for ambient temperature up to 400 °C.

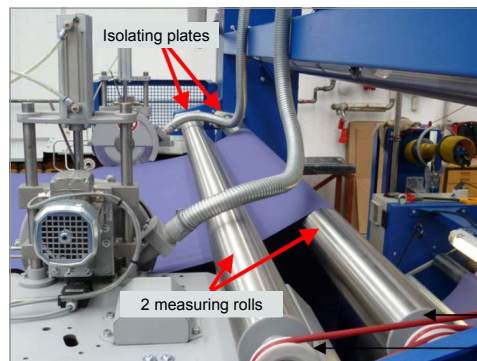
#### Fabric temperature measurement TDS95

For non contact measurement of material temperatures inside of the stenter frame.

4 to 8 sensors are fixed in the stenter, according to the length of the dryer, to detect the temperature patterns of fabric heated at the process.



Evaluation electronic box type TDS95-B  
Measuring range: 0 ... 250 °C / 0 ... 400 °C

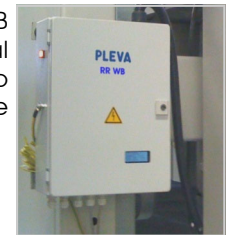


Measuring rollers (made of stainless steel), mounted electrical isolated to the machine frame at the outlet of stenter.

#### Residual moisture measurement RR-WIDE

Reliable measurement of residual moisture on open width knit goods at stenter to control the moisture retention on natural and mixed fibres.

The residual moisture measuring device RR-WB measures the electrical resistance between two existing guide rollers (made of stainless steel).



Evaluation electronic box type RR-WB

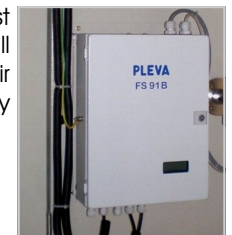


Exhaust humidity sensor FS91-S installed at the side of the stenter frame.

#### Exhaust humidity measurement FS91

Maintenance free sensor to measure and control the exhaust air of drying process for economic energy consumption.

Loading the exhaust air most efficiently with humidity will greatly reduce the hot air volume and save energy dramatically.



Evaluation electronic box type FS91-B



#### HeatSet CIMATIC OPTIDRY control

Optimised Drying and Fixation process saves energy, increases productivity and guarantees a quality finishing

A new and great feature of the CIMATIC OPTIDRY is the integrated OPTIDRY function with "Auto Setting" with automatic setting of the set values of running process. Simply to handle by the operators.