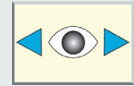


Main features of PLEVA StraightLiner SL1

The PLEVA weftstraightener is equipped with the new traversing structure detector SD1C with a high-resolution digital CCD camera. This system is working with highest detection capability for all kind of fabrics and allows precise calculation of distortion analysis over the fabric width.



Picture 1: Installation of advanced PLEVA StraightLiner with traversing camera in front of stenter frame.

**Accurate
Distortion
Analysis**

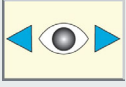
for

**Perfect
Straightening
Results**

Highlights of PLEVA weftstraightener

- **Traversing structure detector with CCD camera**
for most accurate distortion analysis over fabric width
- **Highest detection capability in the market**
on all kind of fabric structures
- **Automatic adjustment to different kind of fabrics**
for simplest operation by the user
- **Immediate updating of actual distortion values**
after each new distortion measurement
- **High straightening action**
by maintenance free servo drives
- **Pick and Course counting**
on most kind of fabrics (as an option)

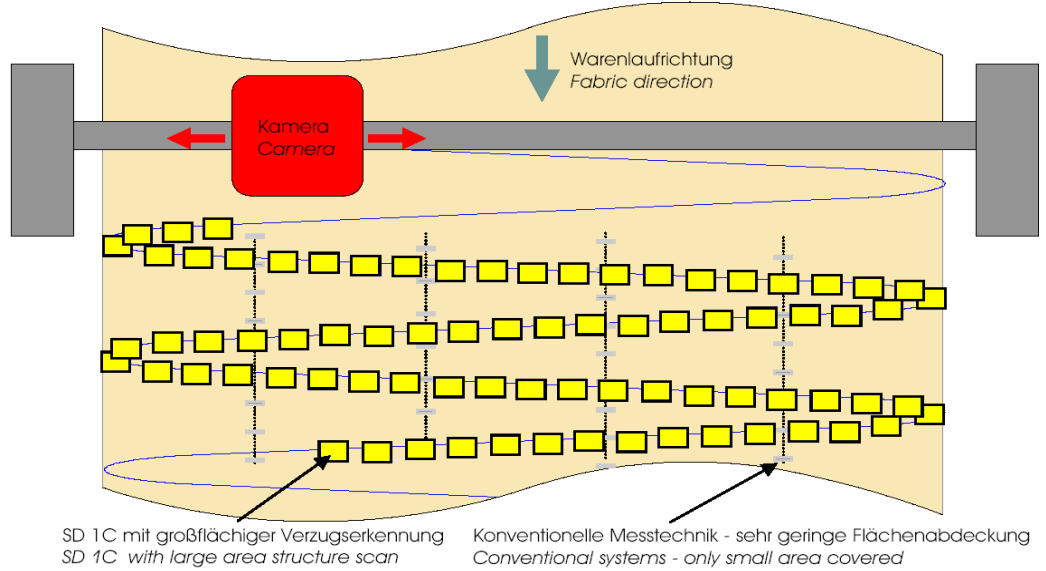
**Best investment
in Perfect
Straightening
of high quality
Products**



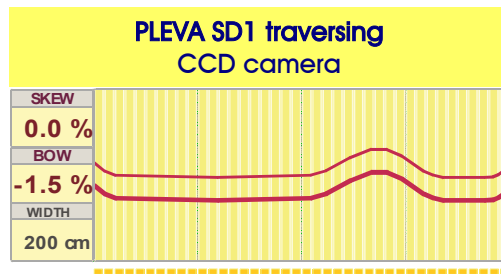
Most excellent distortion analysis
from fabric edge to fabric edge

PLEVA distortion analysis by traversing camera

Precise calculation of distortion is possible, thanks to a **large number** of measuring points across the width of the fabric. More than 40 measurements over the fabric width is evaluated instantly by the PLEVA traversing structure detector system.

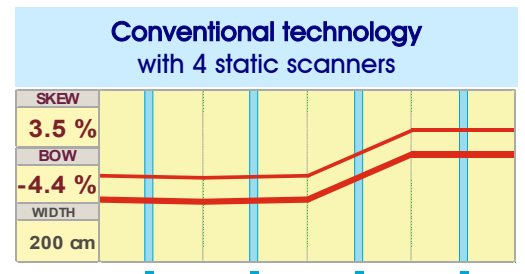


Comparison of distortion analysis



Distortion analysis based on 40 measuring points on 2000 mm fabric width

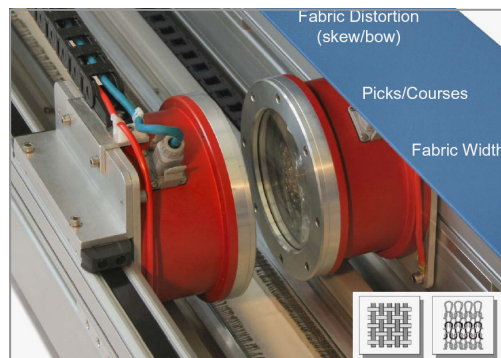
➔ Accurate detection of skew and bow distortion is guaranteed by PLEVA SD1 traversing system



Distortion analysis based on 4 measuring points on 2000 mm fabric width

➔ Mathematical interpolation based on 4 measuring points can lead to inaccurate skew and bow distortion

SD 1C traversing structure detector



Picture 2: Traversing CCD camera SD 1C with indirect and direct flash light for fast detection analysis.

PlevaTec visualisation 15"



Picture 3: PlevaTec Touch operator panel with graphic screen and data storage in protective cabinet.