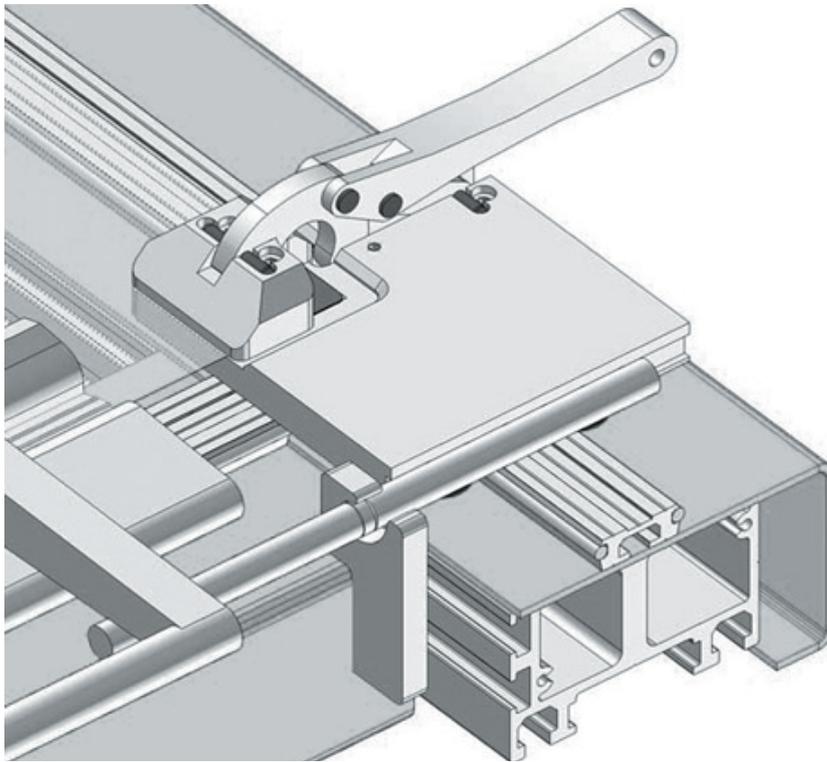


The stretching methodology  
G-STRETCH EQ sets new standards in  
the field of top quality screen preparation  
and ensures moiré-free printing



**G-STRETCH EQ**

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# G-STRETCH EQ (EQUALIZER)

## Stretching methodology HD (HIGH DEFINITION)

### Summary of the most important features

Based on a close cooperation between the companies Grünig and ScreenSupport B.V., we have developed a possibility of enhancing the stretching results. The outcome of this joint development endeavor is a newly defined and patented work method which represents a first major step towards the **HIGH DEFINITION (HD)** concept.

The HD concept consists of totally THREE steps that guarantee an elimination of the moiré effect during the printing process:

1. **Stretching method – with Grünig's G-STRETCH EQ concept (stretching based on the number of threads per cm)**
2. Exposure process – is offered by ScreenSupport B.V.
3. Data compilation and preparation / RIP – is offered by ScreenSupport B.V.

With this innovative product G-STRETCH EQ, we cover the first step. **EQ** stands for **EQUALIZER**, i.e. a compensation of the different tensions and numbers of threads during the stretching process. The EQ equipment is suitable for retrofitting on most of the Grünig stretching machines and is offered as an option for all the new stretching machines manufactured by Grünig.

### What is included in the EQ option?

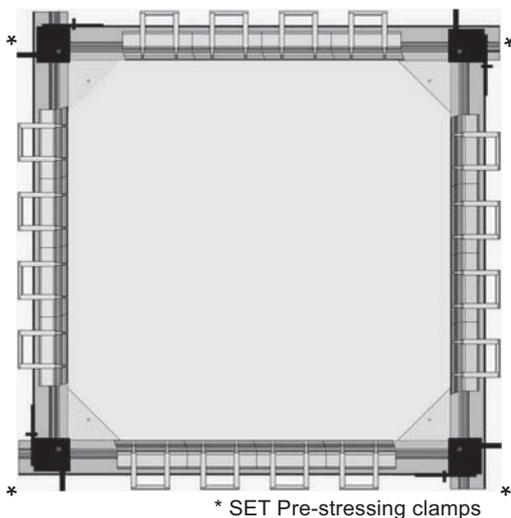
- A SET of pre-stressing clamps
- Test films for measuring the number of threads
- Detailed instructions for this new stretching method
- An offer for the HD process steps 2 and 3

These new standards will increase your competitiveness and convince your customers of your performance capabilities. Because a company using this new stretching method obviously benefits from the new standards and the many advantages they offer. For you, this means: increased customer loyalty and a more distinctive differentiation from your competitors.

**Distinguish yourself from the other service providers by opening up new dimensions!**

### Advantages of the new stretching method G-STRETCH EQ

- Constant stretching and number of threads on the entire mesh surface
- A 90° angle is always guaranteed between the weft and warp directions – i.e. no distorted angles on the entire mesh surface
- Higher stretching values can be achieved without risking mesh tearing
- The loss of tension during the application of the screen is reduced
- A longer lifetime of the screen
- No waiting times between the end of the mesh stretching process and the gluing
- No overstretching in the mesh corners
- The reaction of polyester meshes is similar to the one of steel meshes
- Constant and reproducible printing results, regular application of the printing dyes on the entire mesh surface
- Uncomplicated measuring of the number of threads in weft and warp direction
- The reference value is not only based on the measurement of the tension, but also on the number of threads
- The mesh quality and the tolerance of the number of threads are measured and thus known
- The number of threads of the screen is always consistent with the printing grid pattern and thus allows a better resolution of the image and moiré-free printing results



Test film EQ 180



The installation answers the EU machine guidelines (EU conformity)

Technical changes reserved

May 08