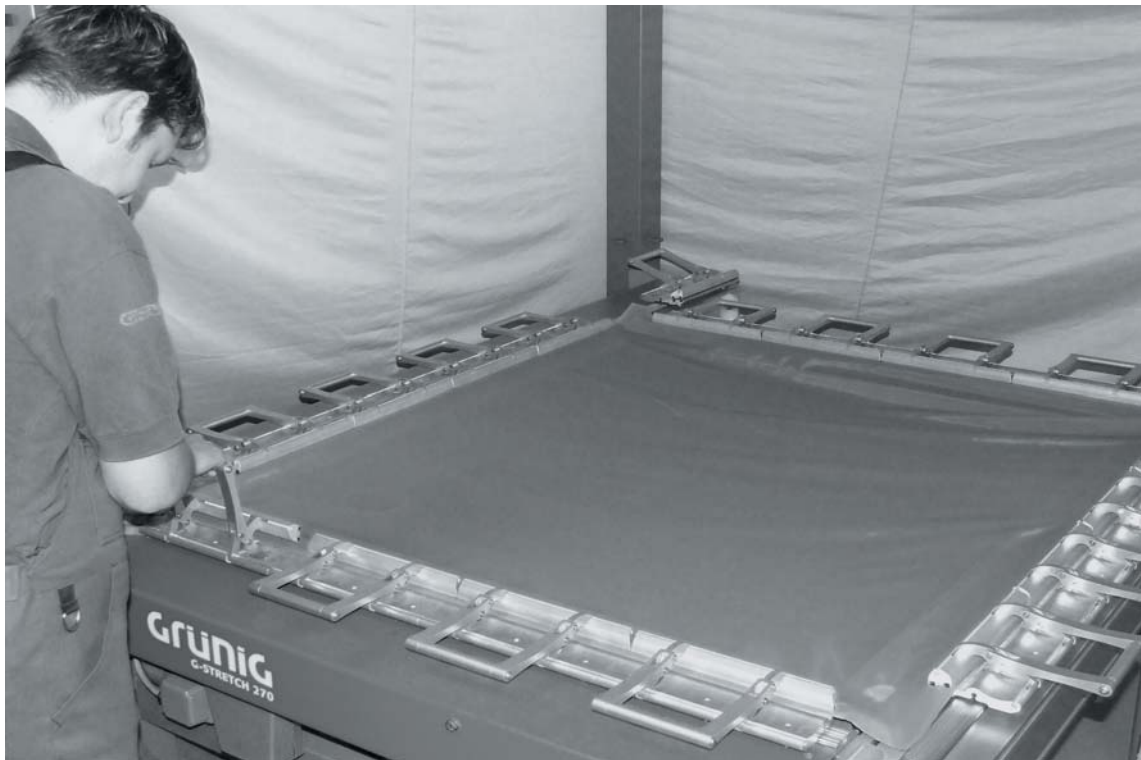


The G-STRETCH 270A allows stretching all your meshes with the highest possible degree of precision, in true alignment with the thread and fully automatically.



G-STRETCH 270A

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G-STRETCH 270A

Electro-mechanical screen stretcher



Terminal



G-CHECK 2



Screen support



Clamp

Summary of the most important features

- Electro-mechanical stretching device with automatic stretching feature (option A).
- The mesh is automatically stretched in weft and warp directions.
- The stretching beams are moved by electric motors.
- Stretching of the mesh in true alignment with the thread, without any distortion of the mesh.
- The automatic stretching feature offering up to 50 different programs guarantees efficient work processes and the highest possible degree of reproducibility.
- Optimal ease of handling and maximum stretching precision.
- No contact between the mesh and the frame during the stretching process.
- The screen supports are stretched with the same power that is used for tightening the mesh and pressing it against the screen frame, which results in a pre-stressing of the screen frame.
- In cases where the screen frame pre-stressing is not desired, this feature can be disabled by means of 4 locking devices.
- Within just a few seconds, the stretcher can be continuously readjusted from the largest screen format to handle the smallest possible screen size.
- The control mode can be switched over from Manual to Automatic.
- Extremely uncomplicated operation by means of a touch screen terminal.
- The DUPLEX stretching clamps G-STRETCH 201 are equipped with concave ball bearings running on high-precision guide shafts made of stainless steel. During the stretching process, the stretching clamps are capable of shifting sideways in order to compensate the mesh extension.
- The width of a stretching clamp is 250 mm. Thanks to this ideal width, any mesh irregularities are automatically compensated by every individual clamp.
- This stretching device is the basis of the automatic stretching and gluing system G-BOND UltraCure.

Machine size	SB screen frame width	mm	1250 + 1500
		inch	49" + 59"
	SL screen fram length	mm	1250 + 1500
		inch	49" + 59"
	Frame profile thickness	mm	20 - 70
		inch	0.8" - 2.8"

Options A, Z, W

Dimensions	Total length	mm / inch(2xSL)	480 / 19"
	Total width	mm / inch(2xSB)	480 / 19"
	Total height	mm / inch	1040 / 41"

Travel distance per stretching clamp mm / inch 100 / 4"

Energy supply 230 V 50-60 Hz 5A / 1 KW

Compressed air supply	Bar	7
(oil-free) Air consumption	l/min	5-15

Automatic mode / G-CHECK 2 (Option A)

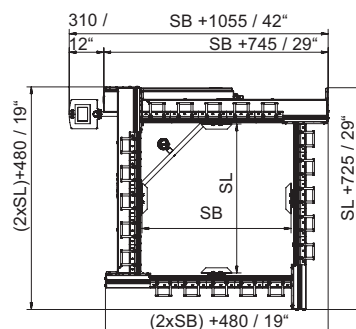
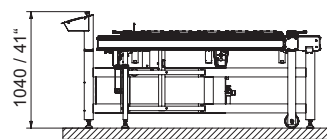
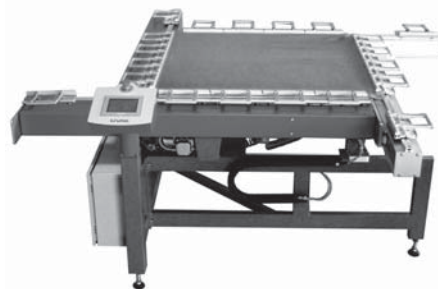
- The electronic tensometer G-CHECK 2 developed by Grünig automatically measures the mesh tension in weft and warp directions.
- Unique measuring method with device applied on the lower mesh side, which means: absolutely no hindrance for the operator of the stretching device while he is busy inserting the frame or fastening the mesh
- Operation of the stretching device as well as introduction of all the parameters by means of a touch screen terminal.
- In the automatic operating mode, a total choice of 50 freely configurable programs is available. Upon selecting the desired program number, the automatic stretching process is initiated.

Option Z

- In cases where a support plate is inserted into the machine, e.g. in order to be able to treat several smaller screens at the same time, an additional screen support can be fastened on two or on four sides, so that a higher contact pressure can be achieved.

Option W

- This option consists of a wooden board with either 4, 6 or 9 stop pieces (number to be selected by customer) for CD screens.
- This option allows a high-precision adjustment of the desired stretching angle in the increments of 0°, 7.5°, 15° and 22.5°.



All measures in mm / inch



The installation answers the EU machine guidelines (EC conformity)

Technical changes reserved

May 07