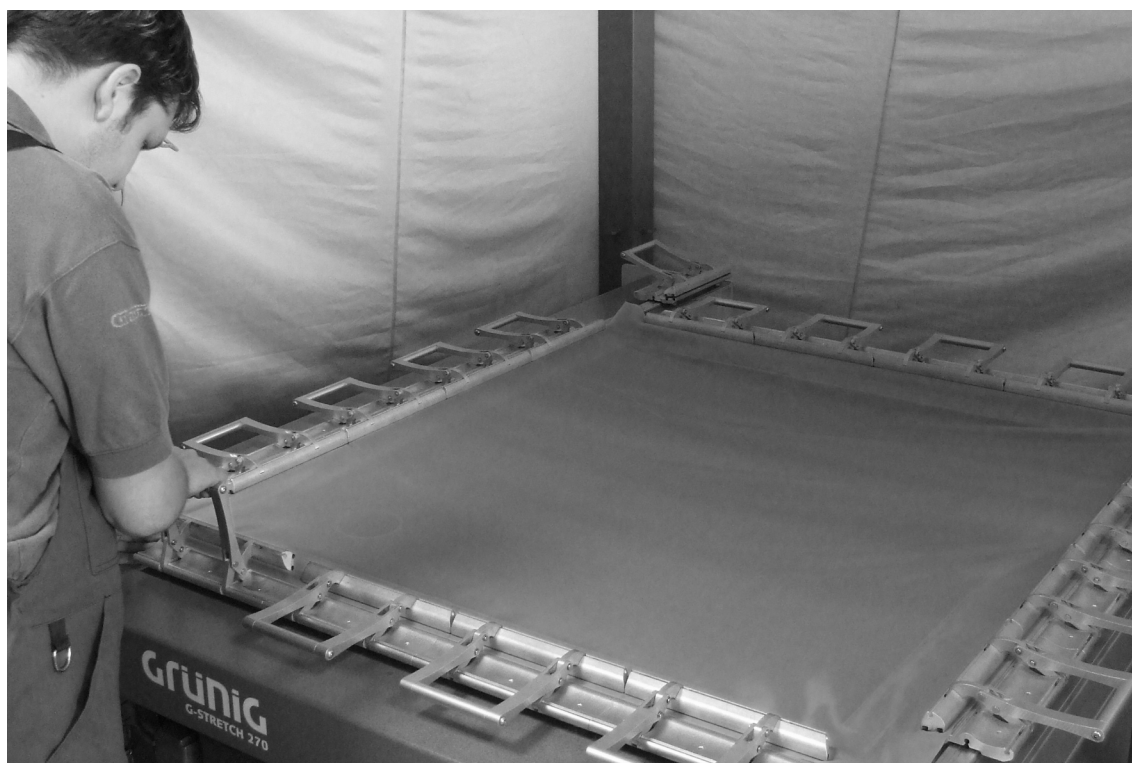


The G-STRETCH 270A allows stretching all your meshes with the highest possible degree of precision, in true alignment with the thread and fully automatically.



G-STRETCH 270A

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G-STRETCH 270A

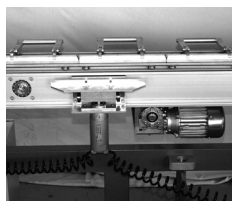
Electro-mechanical screen stretcher



Terminal



G-CHECK 2



Screen support



DUPLEX clamp

Particular characteristics

- Operation of the device and introduction of all the parameters by means of a touch screen terminal.
- 50 freely configurable programs are available.
- Upon selecting the program number, the automatic stretching process is started.
- 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.
- This system guarantees efficient work processes and a highest possible degree of reproducibility.
- Optimal handling, highest stretching precision.
- No contact between the mesh and the frame during the stretching process.
- During mesh stretching, the screen frame is pre-stressed with the same counter-stretching force.
- In cases where the screen frame pre-stressing is not desired, this feature can be disabled by means of 4 fixing screws.
- Within a few seconds, the stretching device can be continuously readjusted from the largest to the smallest possible screen size.
- The operating mode can be switched over between Manual and Automatic.
- The DUPLEX stretching clamps 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.

Execution A2

- Touch screen operation with length measuring system

Option EK

- Thanks to the corner clamps, the mesh can be pre-stressed in the corner areas. This avoids an undesirable distortion (pillow effect) of the mesh.

Option EP1

- Program-controlled regulation of the frame contact pressure

Option G

- The electronic tension measuring device G-CHECK 2 automatically measures the mesh tension in weft and warp direction, from the lower mesh side.

Option MD

- The option „Maintenance Diagnostic“ allows immediate error analysis and assistance via remote maintenance by the Grünig support team.

Option S4

- Stretching beams active from four sides

Option W

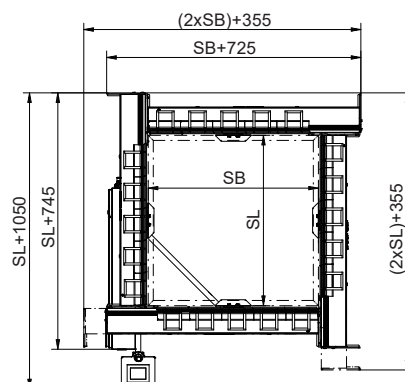
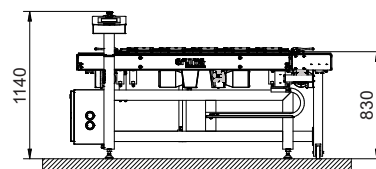
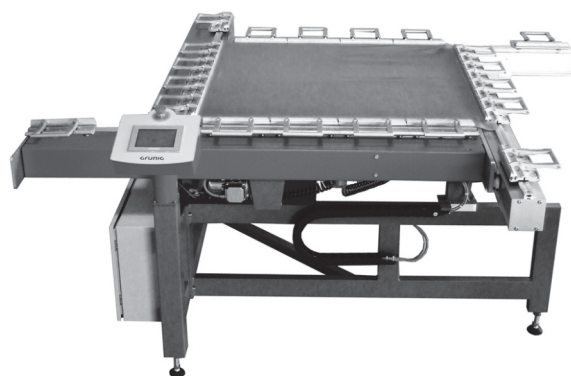
- Angular supporting table allowing a simultaneous treatment of several screen frames.
- Standard mesh angle: 0°, 7.5°, 15° and 22.5°.

Option Z1

- Additional screen support.

Option Z2

- Support tie-bar for a simultaneous covering and pre-stressing of two screens.



Machine size	SB screen width	mm	1250+2000
	SL screen length	mm	1250+2000
	Frame profile thickness	mm	20-70
	Travel distance per clamp	mm	100
Dimensions	Length	mm	(2xSL)+355
	Width	mm	(2xSB)+355
	Height	mm	1140
Power supply	Voltage	V	1x230+N+PE 2x220+PE
	Frequency	Hz	50/60
Compressed air	Pressure	Bar	7
	Consumption	l/min	5-15
Permanent sound pressure level		dB (A)	<70



The machine is in compliance with the EU machinery directives (EC conformity)

Technical changes are reserved
All measures in mm
November 17