

product solution

Grünig G-STRETCH 215 Pneumatic Stretching Machine

The G-STRETCH 215 is an efficient and user-friendly pneumatic stretching machine. The mesh is automatically stretched by means of pneumatic stretching clamps.

The simple and easy-to-use standard control module contains three separate circuits regulating the X, Y and Z axes. This allows for individual adjustment of the stretching power and speed. Additionally, the stretching power needs only to be adjusted for the first screen of a series. The clamps themselves are actuated by means of two manual switches, one controlling the X/Y axes (mesh tension), and the second for the Z axis (frame contact pressure).

The programmable touchscreen control unit in the G-STRETCH 215A variant (See *Version A2* product option below) adds precision automation in the form of 50 configurable stretching programs, each with up to 10 predefined stretching cycles.

The G-STRETCH 215 can be adjusted in seconds to a range of screen sizes, from large to very small.



FEATURES

- Maximum frame format 118" x 118" in (3000 x 3000 mm)
- Instant adjustment of the machine size
- Automatic pre-bowing of the screen frames
- No contact between frame and mesh during stretching process
- Pneumatic stretching with highest precision
- A support board allows stretching of multiple frames simultaneously

PRODUCT OPTIONS

Version A1

Pneumatic stretching device for manual operation

Version A2 (G-STRETCH 215A)

Fully automatic and programmable touchscreen control system

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Option W

This option consists of a wooden board with either 4,6 or 9 adjusting plates (to be selected) for CD screen frames. This allows a precise setting of the desired stretching angle in increments of 0, 7.5, 15 and 22.5 degrees.

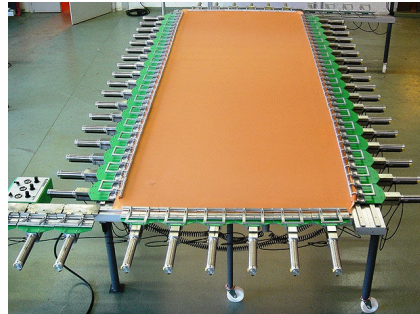
Option Z

Additional screen frame support can be attached to two or four sides for increased contact pressure when a support plate is inserted into the machine in order to stretch several small screen frames at the same time.

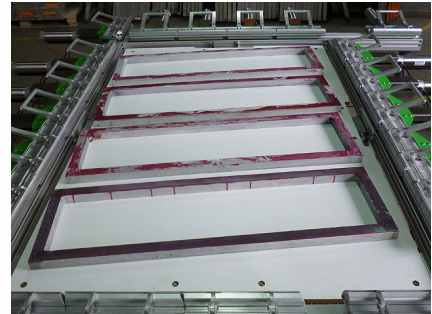
PRODUCT IMAGES



Two Frames Stretched Simultaneously



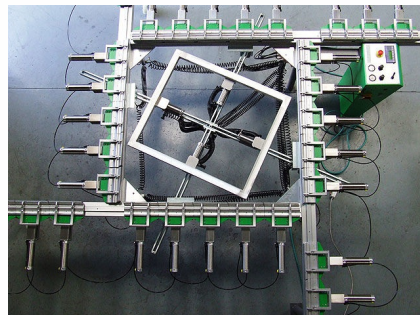
Large Format Screen Support



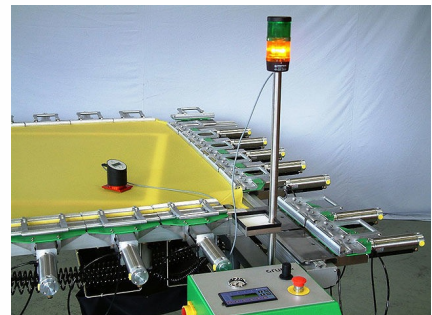
Optional Support Plate (Option Z)



G-STRETCH 215A Variant with Programmable Touchscreen Control Unit



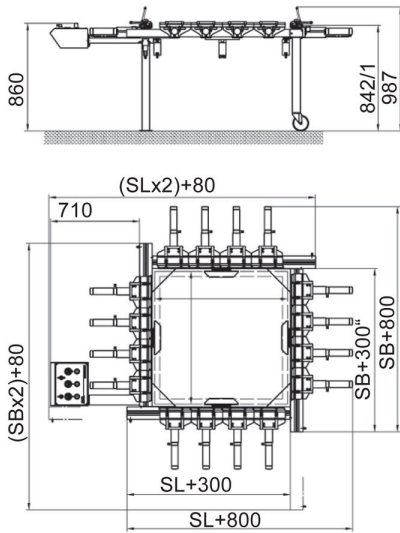
G-STRETCH 208P1 Pre-Bowing Device Installed



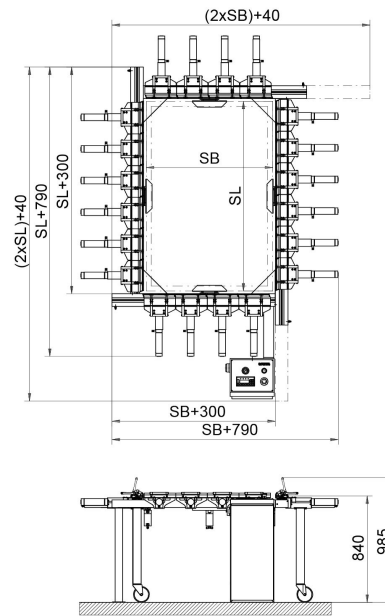
G-STRETCH 215A Variant Programmable Touchscreen Control Unit

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G-STRETCH 215 Dimensions (mm)



G-STRETCH 215A Dimensions (mm)