

The pneumatic G-STRETCH 215 machine allows reaching the maximum stretching values for all types of meshes, with utmost precision



G-STRETCH 215

GRÜNIG

Grünig-Interscreen AG
Ringgenmatt 14
CH-3150 Schwarzenburg
Switzerland

Phone +41 31 734 2600
Fax +41 31 734 2601
www.grunig.ch
mail@grunig.ch

G-STRETCH 215

Pneumatic stretching machine



Screen frame support



Corner clamps



Clamp

Particular features

- The mesh is automatically stretched by means of the pneumatic stretching clamps.
- The simple and user-friendly control module with three separate regulating circuits for the X, Y and Z axes allows an individual adjustment of the stretching power and the stretching speed.
- The stretching clamps are actuated by means of two manual switches, the first one being destined for the X/Y axes (mesh tension) and the second one for the Z axis (contact pressure onto the frame).
- The pneumatic system allows an efficient work process. The required stretching power must only be adjusted for the first stencil of a series.
- No contact between frame and mesh during the stretching process.
- When a mesh is being stretched, the screen frame is pre-bowed with the same counter-stretching force.
- Should the pre-bowing of the screen frame not be desired, it can be eliminated by means of the four fixing screws.
- The stretching machine G-STRETCH 215 can be continuously adjusted within seconds from the largest down to the smallest screen frame format.
- The DUPLEX G-201 stretching clamps are equipped with concave ball-bearings which are running on stainless steel precision guideway shafts. The DUPLEX clamps can be pushed sideways during the stretching process and are thus capable of compensating the extension of the mesh.
- The width of a stretching clamp is 250 mm / 10 inch. Due to this ideal width, any irregularities of the mesh can be automatically compensated by each one of the stretching clamps.

Option A

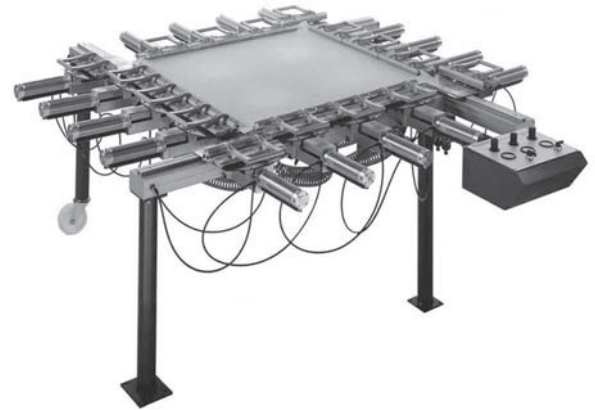
- In the automatic mode, the system offers you totally 50 freely programmable programs.

Option Z

- If a support plate is inserted into the machine, e.g. in order to stretch several small screen frames at the same time, an additional screen frame support can be fastened on two or on four sides in order to achieve an increased contact pressure.

Option W

- This option consists of a wooden board with either 4, 6 or 9 adjusting plates (to be selected) for CD screen frames. An angle graduation is engraved into the frames which allows a precise setting of the required value of the angle 0°, 7.5°, 15° and 22,5°.



Machine sizes			
SB Screen frame width		mm/inch	750-3000/29"-118"
SL Screen frame length		mm/inch	750-3000/29"-118"
Frame profile thickness		mm/inch	20-70 / 0.8"- 2.8"

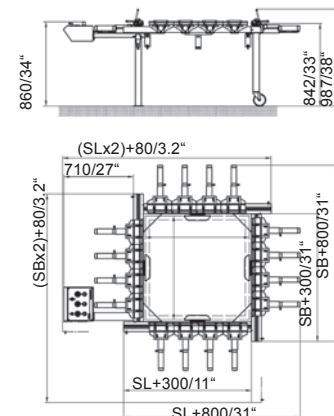
Options A, Z, W

Overall size	Total length	mm/inch	(2xSL)+80/3.1"
	Total width	mm/inch	(2xSB)+80/3.1"
	Total height	mm/inch	860/34"

Travelling distance per clamp mm/inch 115/4.5"

Compressed air (oil free) Bar 9

Air consumption lt/min 5 - 15



The machine answers the requirements of the EU guidelines for machinery

Technical data subject to change without notice

Mai 05

All measurements in mm/inches