

The G-STRETCH 281 ADVANCED,
designed for rapid and flexible stretching,
enables you to reduce mesh consumption
and get a grip on the operating expenses



G-STRETCH 281A

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G-STRETCH 281 ADVANCED

Large-surface stretching machine XL



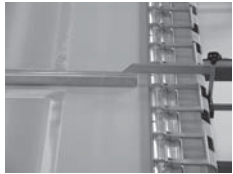
Touch-Screen Terminal



G-CHECK 2



Option F



Option N



Clamp

Summary of the most important features

- Increases the degree of productivity while reducing the mesh consumption. Mesh savings of up to 10% are possible.
- Ideal for stretching large formats or for the imultaneous treatment of several smaller screen formats (multiple utility factor).
- Optimal handling and highest possible stretching precision.
- Tanks to the automatic stretching mechanism, the stretching processes can be freely programmed according to the actual needs. Up to 50 programs can be individually adapted to the mesh particularities and to the customer's present requirements.
- Uncomplicated operation via a Touch-Screen Terminal.
- During the program sequence, the actual readings are continuously displayed for the weft and warp directions (N/cm).
- The G-CHECK 2 tensometer measures the mesh in weft and warp direction and the results are then transmitted to the control for further evaluation.
- No contact between the mesh and the frame during the stretching process. As soon as the mesh has reached the final stretching value, the table is lifted and the frames approach the mesh from below.
- Continuously adjustable stretching speeds.
- Simple setting of the desired stretching angle.
- All the end positions of the stretching beams are protected by means of limit stop switches.
- The DUPLEX stretching clamps G-STRETCH 201 are equipped with concave ball-bearings running in high-precision guide shafts made of stainless steel. During the stretching process, the stretching clamps are capable of moving sideways in order to compensate a possible mesh extension.
- The width of a stretching clamp is 250 mm.
- Rugged and long-lasting construction made of special steel and aluminum profiles.

G-CHECK 2 Automatic mesh tension measuring feature

- 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 from 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.

Option S4

- Thanks to the additional stretching beam in front, the mesh can be stretched from all four sides.

Option F

- Wireless remote control for all the functions.

Option W

- With the angular stop piece the various frame angles can be easily adjusted according to the requirements.

Option N

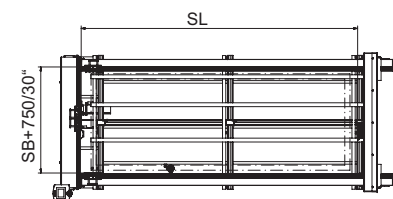
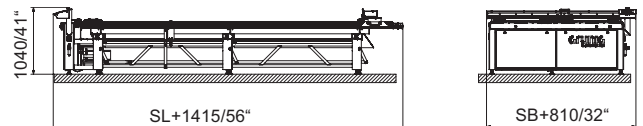
- The mesh holding-down device ensures a gapless contact between the mesh and the frame, in order to allow a perfect gluing.

Option G-STRETCH 208P

- The pneumatic pre-bowing device can be directly placed on the stretching machine to achieve a pneumatic pre-stressing of large-size frames.



Mesh format	SB stretching width	mm	1500 - 4000
		inch	59 - 157"
	SL stretching length	mm	2000 - 10000
		inch	79 - 394"
Profile thickness		mm	30 - 120
		inch	1 - 5"
Option	S4, F, W, N, G-STRETCH 208P		
External size	Total width	mm/inch	SB + 810/32"
	Total length	mm/inch	SL + 1415/56"
	Total height	mm/inch	1040/41"
Electr. power supply	Rated voltage	V	1x230 + N + PE 3x220 + PE
	Fuse protection	A	10
	Power	kW	2
	Frequency	Hz	50/60
Compressed air supply	Bar		6
Air consumption	m ³ /h		0,6
Coat of paint	Pantone 354C / 425C		



The installation answers the EU machine guidelines (EC conformity)

Technical changes reserved April 2008

All measures in mm / inch