

Multiscreen stretching machine



Grünig-Interscreen AG
CH - 3150 Schwarzenburg
Switzerland

G-280 Multiscreen stretching machine

Particular features

- The stretching clamps G-201 DUPLEX are fitted with concave ball bearings running on high-precision guideway shafts made of special steel. Thanks to an ideal combination of ball bearings and guideway shafts, it is possible even during the stretching process to adapt the G-201 DUPLEX clamps by pushing them on the mesh.
- The mesh can be stretched from four sides. Two stretching speeds are available: 1/2 (slow speed) and 1 (high speed), which can be progressively adjusted by means of a potentiometer.
- All the stretching resp. releasing procedures can also be carried out by means of a remote cable control. This allows an easy operation from any point around the machine. The remote cable control can be suspended on each trestle.
- As soon as the mesh has reached the optimal tension, the table with the empty screen frames can be automatically lifted until the screen frames are pressed onto the mesh.
- All the end positions of the stretching beams are protected by means of limit stop roller switches.
- Within the limits of the maximum machine size, any required number of screen frames can be stretched at the same time provided that the thickness of the frame profile is the same for all the screen frames.

Accessories

- 1 mesh holding-down device
- 1 remote cable control
- Operating manual with CE declaration
- Air connection complete(option A)
- 1 Repair kit



The machine answers the requirements of the EU guidelines for machinery (CE-conformity).

Option W

The angle stop allows a simple adjustment of the following angles for the screen frames: 0°, 7,5°, 15°, 22,5°, 30°, 37,5°, 45°.

Option N

Should several screen frames be fitted with a mesh at the same time, a mesh holding-down device can be placed between the individual screen frames. This holding-down device ensures a correct contact between the mesh and the screen frames, in order to guarantee a faultless glueing of the mesh.

Option R

The mesh roller support facilitates the insertion of the mesh prior to the stretching process. The mesh roller support is fastened in front of the machine and is automatically adapted to the actual stretching width of the mesh.

Control

- PLC the most up-to-date processor-based programmable logic control with EEPROM memory; the RS-232 interface is already installed.
- FUF fully digitized frequency converter for the motor control. Smooth starting characteristics and dynamic speed reduction of the motors.



Technical data subject to change without notice

Mesh tension size	SB	Mesh size width	mm	1500 - 4000
	SL	Mesh size length	mm	3000 - 9000
		Frame profile thickness	mm	30 - 120

Index of options	W	Angular stop
	N	Mesh holding-down device
	R	Mesh roller support
	A	Automatic

Overall size	Total width	SB + 920
	Total length	SL + 1400
	Total height	1100

Energy supply	Nominal voltage	V	3x400 + N + PE 3x220 + PE
	Fuse protection	A	25
	Capacity	kW	4,4
	Frequency	Hz	50/60
	Permanent sound-pressure level	dB (A)	< 70

Surface treatment	RAL 6016 / 6018
-------------------	-----------------

