

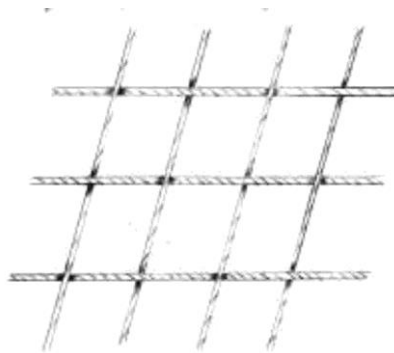


**COMPOSITE
GROUP**
CHELYABINSK

SERVING TO PRODUCE PERFECTION

PRODUCTION LINE FOR MANUFACTURING OF FRP MASONRY MESH BY THE "TWISTING" METHOD

Technological lines Mesh CG-500 (mesh width 500 mm), Mesh CG-1000 (mesh width 1000 mm), Mesh CG-1200 (mesh width 1200 mm) are designed for the manufacturing of composite mesh, using the method of weaving rods from glass and basalt roving, used as a reinforcing element for construction work.



Mesh produced by twisting
method

Features of the line:

The Mesh processing line has an automatic cross bar feed. That is, the rod passes simultaneously with the longitudinal bars through a parallel furnace, takes the formed shape and stiffness, and then is fed into the forming mesh using an automatic node.

The twisting-forming mesh unit works in such ways that the size of longitudinal cell can be adjusted using the touch pad on the control panel. For example, you can use it to easily set the longitudinal cell size (50x90, 50x120 mm), as well as the speed and length of the cross bar feed, the length of the sheet (roll), enable or disable the counter.

The configuration of the line has a track pulling unit, which provides parallelism and smoothness of the course of forming the mesh, in contrast to the roller pulling. The line can be maintained by one person.

Parameters:

The line length	18 m
Width	1.5 m
Height	2.5 m
The consumption of electric. Energy	from 23 kW/h



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Peak power	from 32 kW/h
Water consumption	15 l/day
Air consumption	90 l/h

Maximum grid width:

Mesh CG-500	0.5 m
Mesh CG-1000	1 m
Mesh CG-1200	1.2 m
The maximum length of the mesh	any

Performance:

50x50 cell	up to 60 m ² / hour
100x100 cell	up to 90 m ² / hour
150x150 cell	up to 90 m ² / hour
200x200 cell	up to 90 m ² / hour

The output diameter of the bar is from 2 mm to 6 mm. The performance depends only on the cell size.

Delivery set:

N	Name of the item	Quantity	Unit.
1	Control panel	1	pc
2	Roving rack	1	pc
3	Impregnating bath with tensioning device	2	pc
4	Spiral winding device	1	pc
5	Automatic supply unit of the transverse rod	1	pc
6	Polymerization chamber	1	pc
7	Water cooling unit	1	pc
8	Truck pulling unit	1	pc
9	Cutting unit	1	pc
10	Divider	1	pc
11	Delivery table	1	pc



The cost of the line

For actual cost, please, refer to our sales office:

Email: armatura@composit-group.ru, bd@composit-group.ru

Phone: +7 351 216 33 00

Note: The cost of the line includes installation, technology, commissioning and staff training. The price does not include the cost of travel and accommodation for 2 installers to the place installation and back.

Materials employed in production

- Glass Roving
- Epoxy resin
- MTHPA resin
- Nano composite KG
- Lavsan thread

Warranty period - 12 month



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