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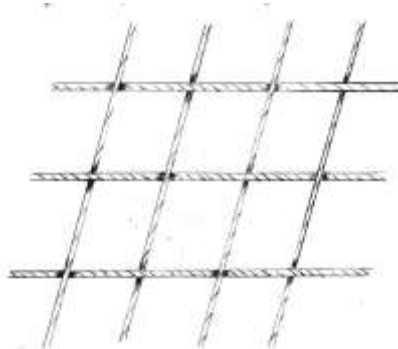
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### COMMERCIAL PROPOSAL.

We are ready to supply equipment for producing fiberglass masonry mesh.

Production lines KS – 500(mesh width 500 mm), KS – 1000(mesh width 1000 mm.), KS – 1200(mesh width 1200 mm.) are intended for producing composite mesh by weaving rods from glass and basalt roving to use it as a reinforcing element in construction.



Mesh manufactured by “interweaving”

### **Advantages of our equipment:**

#### **Special characteristics of KSP lines:**

Production KSP line is equipped with cross rod automated feed. This means that a rod goes through a parallel furnace simultaneously with longitudinal rods, gets a shape and stiffness and then is fed with an automated device to form a mesh. That is the difference from other lines where it is necessary to manufacture rods in coils first (for a mesh 50x50, 10-12 km of cross rods are required during the working shift). Only after that it can be used to form a mesh. It is not convenient.

Assembly for twisting-forming a mesh works so that the size of longitudinal cell can be adjusted with a touch-screen on the control board. For instance, it is easy to set cell size (50x90, 50x120 mm), speed and length of cross rod feed, sheet (coil) length, switch on and off the counter.

The line is completed with a track pulling mechanism due to which the mesh forming process is parallel and smooth, unlike when using roll pulling mechanisms.

The line can be operated by one person.

Foreign-made electric components of high quality, which are used in our equipment, provide for trouble-free operation.

**Parameters:**

Length 18 m.  
 Width 1,5 m.  
 Height 2,5 m.  
 Power consumption from 23kW/h.  
 On-peak power from 32kW/h.  
 Water consumption 15 – l/day

Air consumption 90 – l/h.  
 Max. mesh width:  
 KS – 500 0,5 m.  
 KS – 1000 1 m.  
 KS – 1200 1.2 m.  
 Max. mesh length any

**Production rate:**

Cell 50x50 up to 60 m<sup>2</sup>/hour  
 Cell 100x100 up to 90 m<sup>2</sup>/hour  
 Cell 150x150 up to 90 m<sup>2</sup>/hour  
 Cell 200x200 up to 90 m<sup>2</sup>/hour

Produced rod diameter is from 2 mm. to 6 mm. production rate depends only on cell size.

**The equipment cost:**

Line KS-500 26 100.00 USD  
 Line KS-1000 35 420.00 USD  
 Line KS-1200 37 300.00 USD

Commissioning, installation and training are included in the cost of the equipment!

The equipment is available at the plant in Izhevsk.

Warranty 1 year.

**List of the equipment supplied:**

N	Description	Quantity	Unit of measure	Price, rubles	Total, rubles.VAT included rubles.	Delivery time, workdays
1	Control board	1	Pc			30
2	Bobbin carrier	1	Pc			30
3	Impregnating bath with tensioning device	2	Pc			30
4	Spiral binding device	1				
5	Automated cross rod feed assembly	1	Pc			30
6	Polymerization chamber	1	Pc			30
7	Water cooling assembly	1	Pc			30
8	Track pulling device	1	Pc			30
9	Cutting assembly	1				
10	Divider	1				
11	Deliver table	1	Pc			30
12	Equipment certificate	1	pc			30

On the Customer's request, we can produce the equipment for manufacturing fiberglass reinforcement, fiberglass profile and flexible ties. We can supply ready-made products, too. We supply raw materials for production, too!

### Materials used:

1. Glass roving 2400/4800 tex;
2. Epoxy resin (type ED-20);
3. Hardener IMTHPhA  
(isomethyltetrahydrophthalic anhydride)
4. Accelerator UPR A.01
5. Lavsan thread 45LL (plastic bobbin)

### 1 square meter mesh cost calculation

1square meter mesh 2 mm, cell 50\*50 = 182.4 g. roving + composite(resins) = 243 g. = 20,00 rubles per square meter

1sq.m. mesh 2,5 mm, cell 50\*50 = 273,6 g. roving + composite(resins) = 364,8 g. = 41,00 rubles. sq. m.

1sq.m. mesh 2 mm, cell 100\*100 = 86,4 g. roving + composite(resins) = 115 g. = 13,00 rubles. sq. m.

1sq. m. mesh 2,5 mm, cell 100\*100 = 130,00 g. roving + composite(resins) = 173 g. = 20,00 rubles. sq. m.

The calculation is done according to proportion of materials 75% - roving and 25% - composite, used for mesh production

**The cost can vary because of raw materials price change!!!**

Warranty 1 year.