

Knitted Wire Mesh



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Brief Introduce of Knitted Wire Mesh

Knitted Wire Mesh is also called gas and liquid filter, mesh demister, shielding mesh and so on.

Its wire diameter range is 0.08mm-0.30mm for round wire

0.1mm*0.4mm、0.1mm*0.3mm、0.2*0.4mm for flat wire.

Its raw material can be various ,such as stainless steel wire ,copper wire,monel 400 ,fiberglass etc.

According to the need,it also can pressure into many kinds of waviness.After that,it can increase efficiency of the mesh.



Its advantages as follow:

- ※ Low resistance
- ※ Washable
- ※ High corrosion resistance
- ※ High temperature resistance
- ※ Economical efficiency

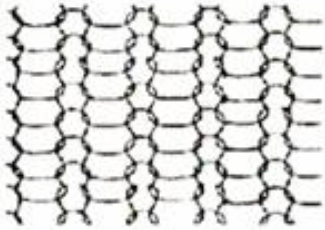
Applications of Knitted Wire Mesh

Knitted Wire Mesh is a special mesh, which can be widely used in many industries. For example,

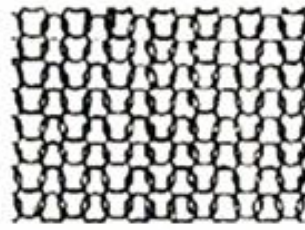
- ※ Chemical Industry for demister
- ※ Machinery Manufacturing for gas-oil separation, oil-water separation, gas-liquid separation
- ※ Auto Industry for filter element, absorber, sound arrester, exhaust purification
- ※ Electronics Industry for preventing electromagnetic interference



Specifications of Knitted Wire Mesh



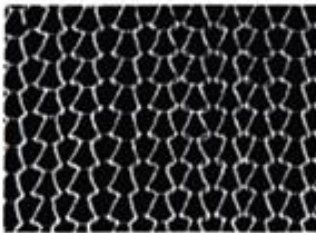
SP Type



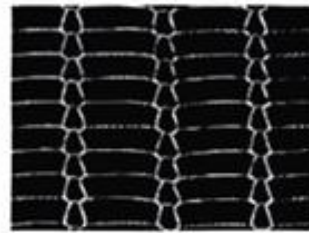
DP Type



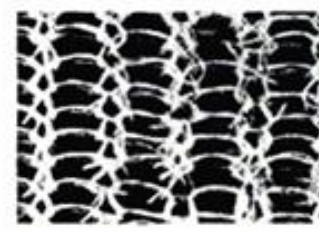
HR/HP Type



TP Type



Gao Chuanxing

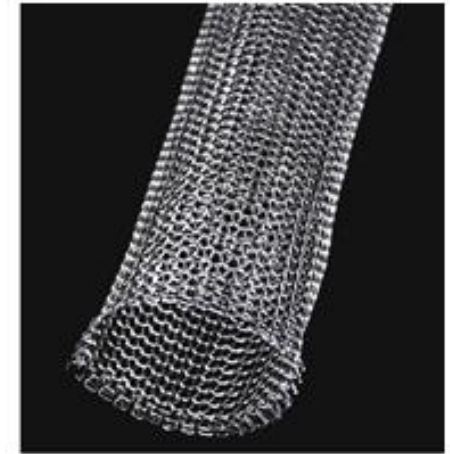


Fiberglass



Specifications of Knitted Wire Mesh

Material	Code	Material	Code
Q235-A	Q235-A	Res Copper Wire	Qsn
20	20	Ni Wire	N4
0Cr19Ni9	SUS304	Ti & Ti Alloy	TA2
00Cr19Ni11	SUS304L	PVC	PVC
0Cr17Ni12Mo2	SUS316	PE	PE
00Cr17Ni14Mo2	SUS316L	PP	PP
0Cr19Ni10Ti	SUS321	FEP	F46(PTFE)
0Cr19Ni13Mo3	SUS317	PTFE	F4(FEP)
0Cr25Ni20	SUS310S	Incoloy 825	Incoloy
1Cr25Ni20Si2	SUS310S	Inconel 600	Inconel
20# Alloy	NS143	Hastelloy C-276	Hastelloy
NS-80	Hersteller-Code	Monel 400	Monel
RS-2	Hersteller-Code	Metal and fiberglass mixed knitting	Hersteller
00Cr20Ni25Mo4.5Cu	904L(N08904)	Metal and nonmetal mixed knitting	Hersteller
Brass wire	H68	More material selection	More material selection



Knitted Wire Mesh Making Machine

1) Ideas for design

- Full automatic
- Cost-efficient
- Small occupied area
- Easy-operation

2) Characteristic of Machine

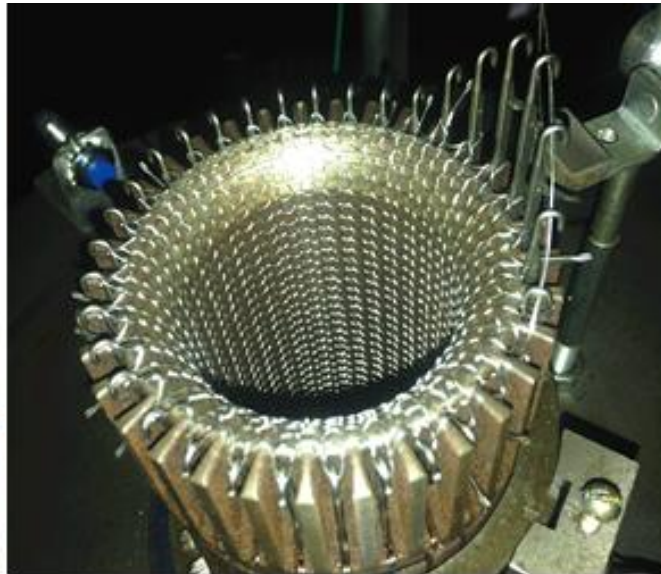
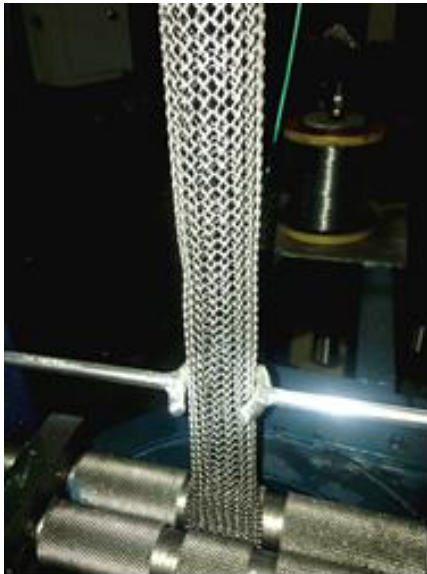
- The knitting mesh is U-shape, flat and smooth, good elasticity.
- Wire feeding path can be single to nine. The produce capacity of double feeding is twice than single feeding's.
- Our machine has PLC control system, can adjust working speed automatically.
- Our machine can stop automatically when the wire or needle is broken.



Knitted Wire Mesh Making Machine

3) Applicable scope of Machine

Material	Stainless Steel Wire (SUS 304,SUS 316,SUS 316L) Red Cooper Wire Phosphor Copper Wire Ni Wire Tinned copper wire
Wire Diameter Range	0.08mm-0.30mm
Mesh Size	5-50
Weaving Wide	3mm-1500mm
The mesh size also can be designed according to your request	



Knitted Wire Mesh Making Machine

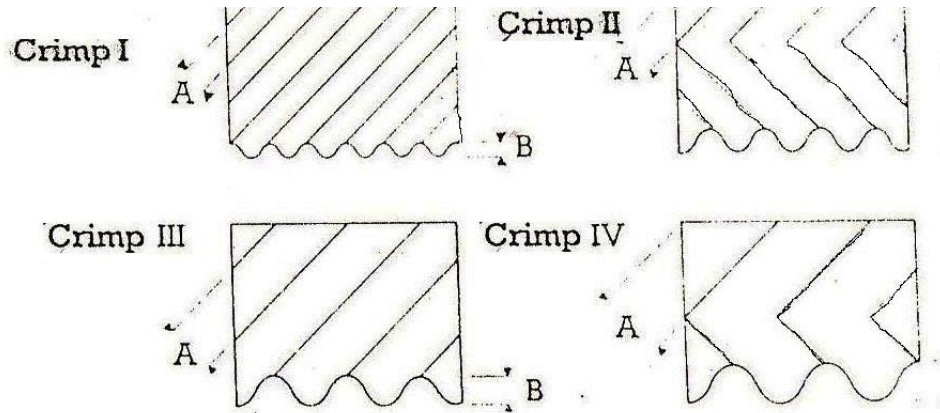
4)Parameter of Machine

Model No.		GE9710
Diameter of Knitting Cylinder		0.5''-45''
Needles		4-560
Grade		E2-E8
Speed of Knitting Cylinder		80 times/min
Motor Power	main machine	0.37KW-2.5KW
	rolling machine	60KW-150KW
Frequency converter	main machine	0-750 times /min
	rolling machine	0-75 times/min
Produce Capacity		35-40m/hour
Outside Size （mm）		650 x 750 x1580 (LxWxH)
Weight		110-650 kg/set



Knitted Wire Mesh Making Machine

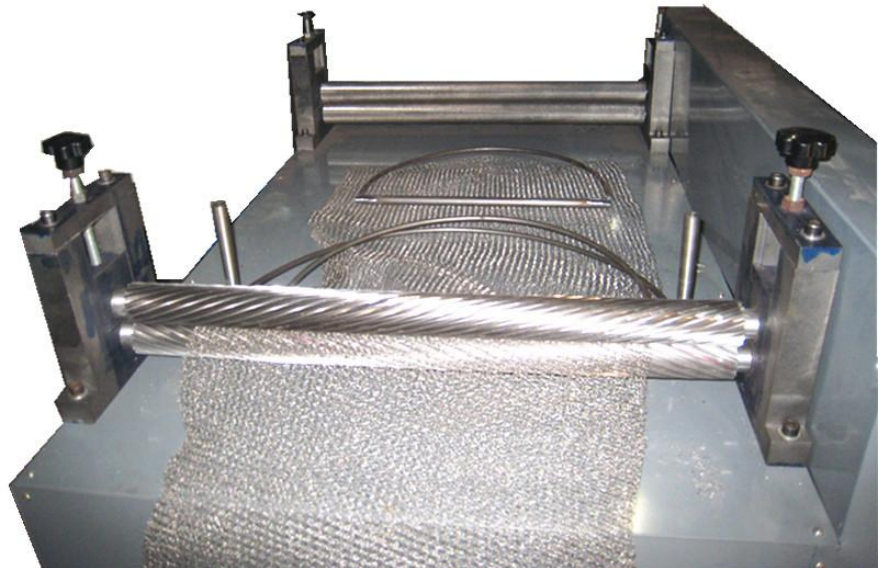
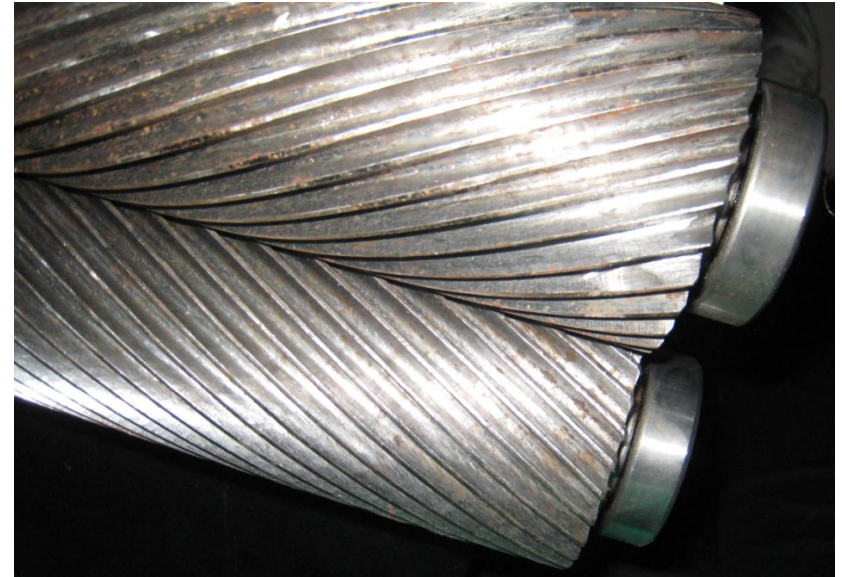
5) Curving Machine



Note:

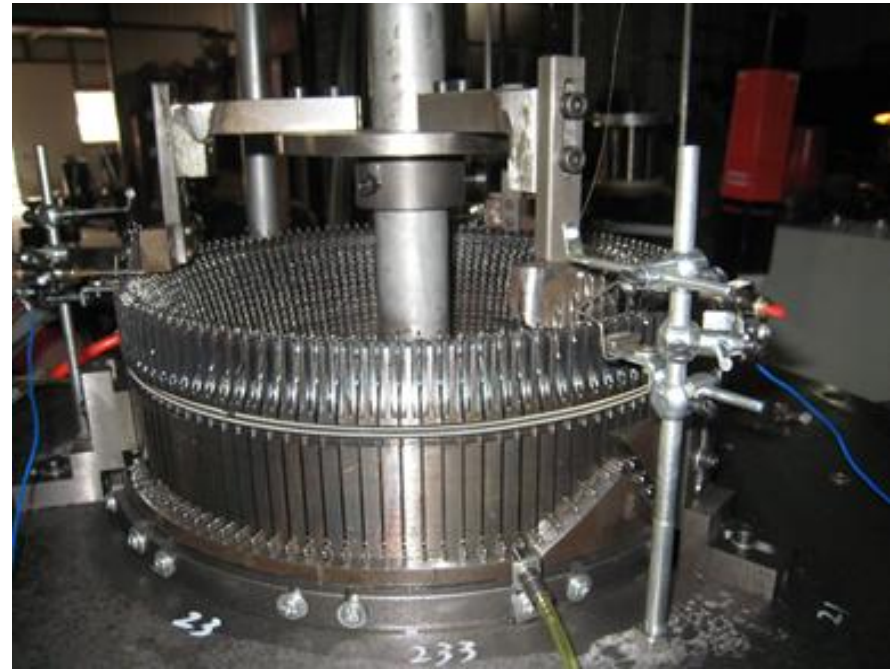
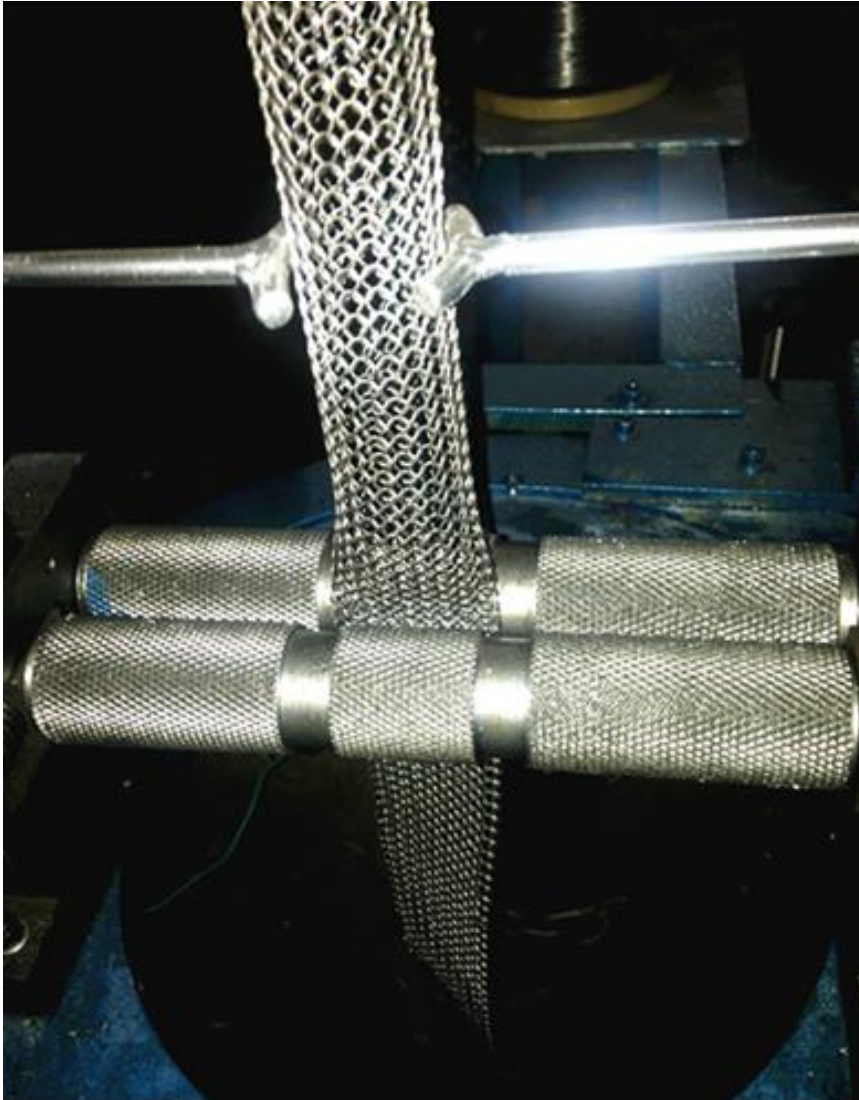
If the width
<200mm, curving part can add on
main machine

>200mm, it need one curving
machine independent



Knitted Wire Mesh Making Machine

5) Our Workshop



Knitted Wire Mesh Making Machine



What is need for a Quotation ?

- ※ How about **Knitting Width** ?
- ※ How about **Wire Diameter** ?
- ※ How about **Needles** ?
- ※ How about **Weight** or **Length** for each roll ?
- ※ Which kind of **Raw Material** do you need ?
- ※ What's the **Application** for your knitted wire mesh ?



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