

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,

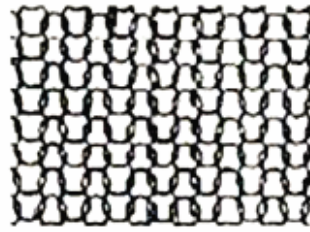
- ※ Chemical Industry for demister
- ※ Machinery Manufacturing for gas-oil separation, oil-water separation, gas-liquid separation
- ※ Auto Industry for filter element, absorber, sound arrester, exhaust purification
- ※ Electronics Industry for preventing electromagnetic interference



Specifications of Knitted Wire Mesh



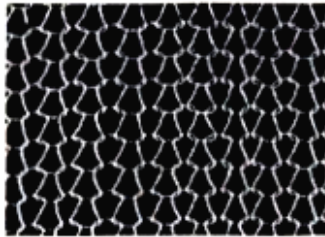
SP Type



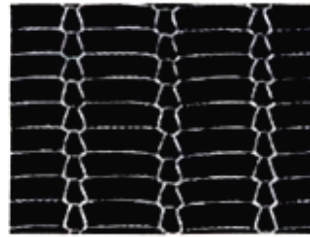
DP Type



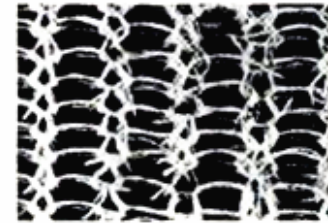
HR/HP Type



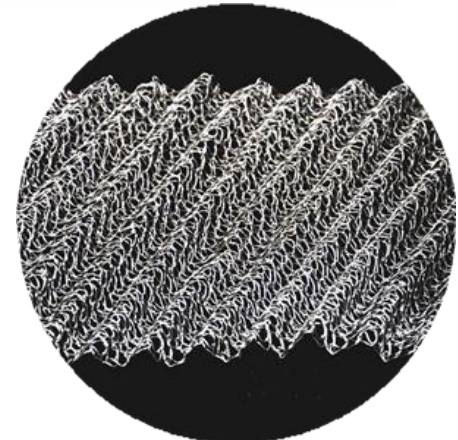
TP Type



Gao Chuanxing

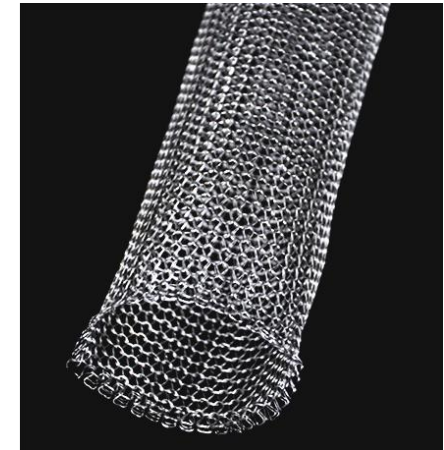


Fiberglass



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

a. The knitting mesh is U-shape, flat and smooth, good elasticity.

b. Wire feeding path can be single to nine. The produce capacity of double feeding is twice than single feeding's.

c. Our machine has PLC control system can adjust working speed automatically.

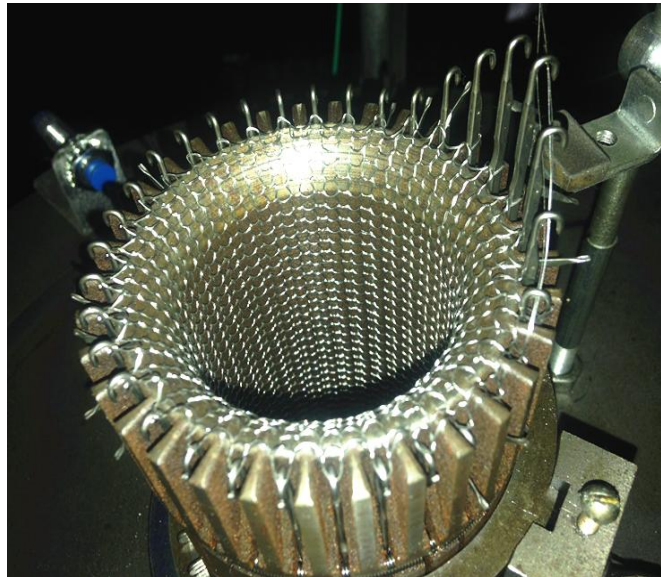
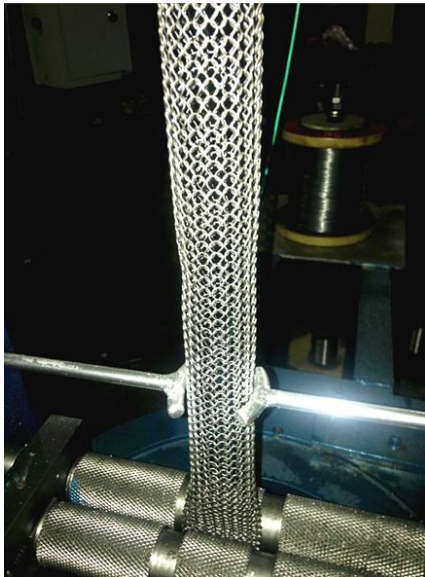
d. Our machine can stop automatically when the wire or needle is broken.



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-0.35mm |
| Mesh Size | 5-50 |
| Weaving Wide | 3mm-1500mm |
| The mesh size also can be designed according to your request | |



Knitted Wire Mesh Making Machine

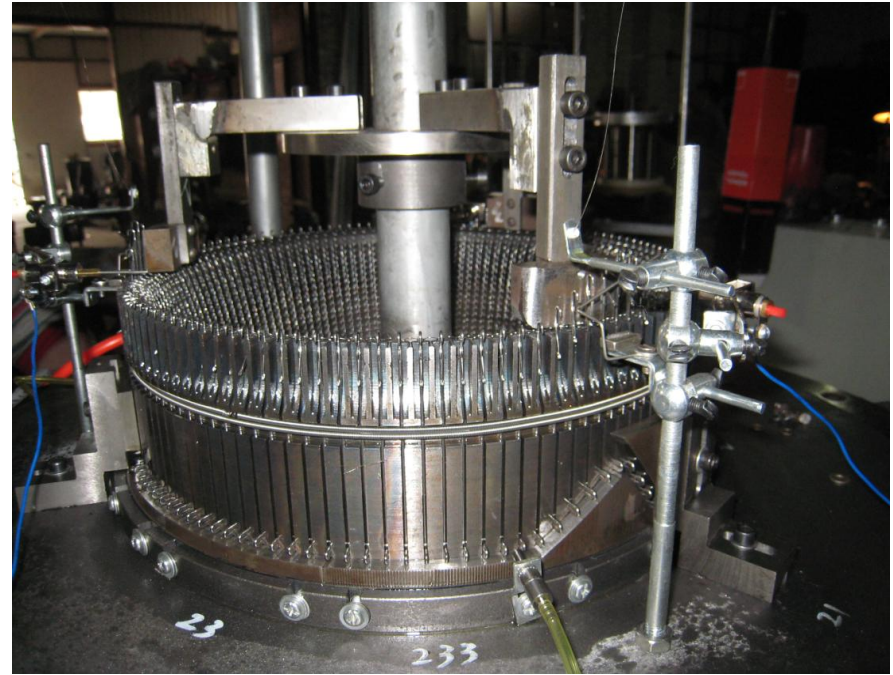
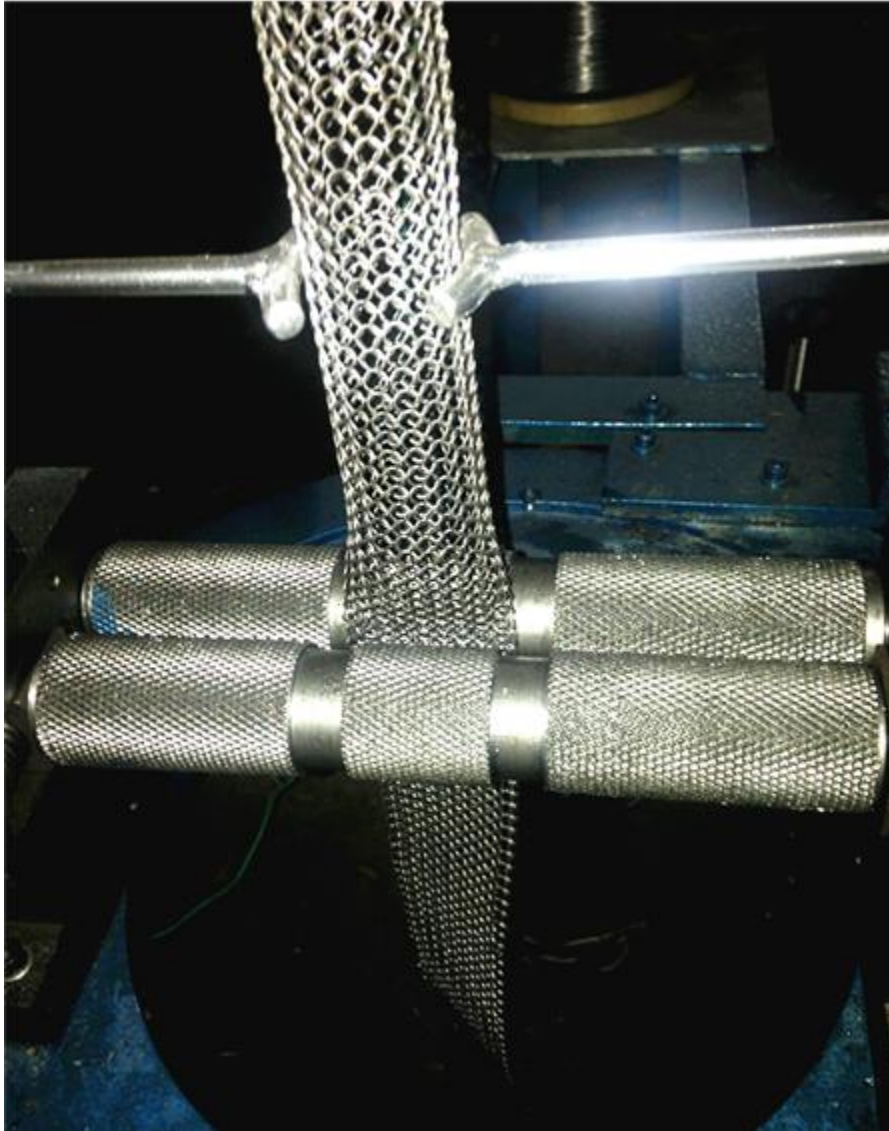
4)Parameter of Machine

| | | |
|--------------------------------------|------------------------|------------------------------------|
| 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 | | 15m-30m/hour |
| Outside Size (mm) | | 650 x 750 x1580 (LxWxH) |
| Weight | | 110 kg/set |



Knitted Wire Mesh Making Machine

5) Our Workshop



Knitted Wire Mesh Making Machine



What is need for a Quotation ?

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



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