



### **N95 Mask Machine**

The following is about China Waimaoni Import and Export® N95 Mask Machine related, I hope to help you better understand N95 Mask Machine.

### **Product Introduction**

#### **China Waimaoni Import and Export® N95 mask machine Manufacturers, Suppliers and Factory with High Quality**

Each individual member from our large performance revenue crew values customers' requirements and organization communication for Manufacturer for China Waimaoni Import and Export® N95 Mask Machine, If you are looking for a good quality, fast delivery, best after service and good price supplier in China for long-term business relationship, we will be your best choice. Manufacturer for China N95 Mask Machine, Our merchandise have mainly exported to south-east Asia Euro-America, and sales to all of our country. And depending on excellent quality, reasonable price, best service, we've got good feedback from customers overseas. You are welcomed to join us for more possibilities and benefits. We welcome customers, business associations and friends from all parts of the world to contact us and seek cooperation for mutual benefits.

N95 mask machine refers to a series of flat and three-dimensional mask machines that use N95 non-woven fabrics as raw materials and can produce N95 masks.

Voltage 220V

Capacity 130-160pcs / min

#### **Plane mask machine**

N95 plane mask machine includes: N95 mask body machine, N95 inner ear mask machine, N95 outer ear mask machine, N95 strap mask machine.

N95 three-dimensional mask machine includes: N95 cup mask machine, N95 duckbill mask machine, N95 folding mask machine.

## **N95 mask body machine**

N95 mask body machine, also known as mask filming machine, is a machine for the automatic production of multi-layer flat mask finished products. It can use 1 ~ 4 layers of N95PP spunbond non-woven activated carbon and filter material. The entire machine is imported from raw materials. When the nose is inserted, the edge is sealed, and the finished product is automatically processed in one line. The flat mask production equipment has stable performance, high output, low defect rate and easy operation. The mask body machine plus several inner ear mask machines, outer ear mask machines, strap mask machines or ear spot welding machines can produce various types of masks such as inner ear masks, outer ear masks, band masks and so on.



Machine size: 3900 (L) \* 905 (W) \* 1600 (H) mm

Frequency: 20KHZ

Power consumption: 4KW

## **N95 inner ear mask machine**

### **Working principle of inner ear mask machine:**

The ultrasonic inner ear band mask machine uses ultrasonic welding. When the mask is moved to the processing position, ultrasonic waves are automatically generated, forming micro-amplitude high-frequency vibration on the ear band, and instantly converting into heat, melting the material

to be processed, and finally making the ear With permanent sticking or implantation inside the mask body, it is the last processing step of the production of inner ear masks. Only one operator needs to place the mask body piece by piece in the mask plate. The subsequent actions are completed automatically by the equipment after the finished product is completed. .

**N95 inner ear mask machine parameters:**

Machine model: NK-GW2019

Machine size: 1915 (L) \* 855 (W) \* 1780 (H) mm

Voltage: 220V, 1or 3 phase

Capacity: 40-50pcs / min

Power consumption: 6KW

Air pressure: 6kg / cm<sup>2</sup>

Frequency: 20KHZ

**N95 inner ear mask machine features:**

1. The machine is dense and does not take up space.
2. The whole machine is made of aluminum alloy, which is beautiful and solid without embroidery.
3. High stability and low failure rate.
4. Photoelectric detection to reduce the error rate.
5. This machine adopts ultrasonic Taiwan system and Japanese transducer, with stable performance and easy operation.

N95 inner ear mask machine workflow:

Work flow: (mask body) manual feeding → automatic feeding of earbands → ultrasonic earband welding → non-woven sideband feeding and wrapping → ultrasonic sideband welding → sideband cutting → finished product output → counting → finished product stacking → conveying  
Send out with device



### **N95 external ear mask machine**

N95 external ear mask machine working principle

The N95 outer ear mask machine fuses the elastic bands on both sides of the mask body in an ultrasonic manner to complete the finished ear band mask. Only one operator needs to place the mask body on the conveyor belt fixture, and the rest of the subsequent actions are to the finished product. The completion is automatically operated by the machine, and the output of the machine is higher than that of the ordinary earband machine.

### **N95 external ear mask machine parameters:**

1. Product model: NK-UMM03
2. Machine size: 2646 (L) \* 620 (W) \* 1750 (H) m / m
3. Voltage: single-phase 220V
4. Output: 45-55pcs / min
5. Air pressure: 6kg / cm<sup>2</sup>
6. Power consumption: 2.3KW
7. The mask body size must be fixed

N95 external ear mask machine features:

1. The machine is dense, small in size and does not take up space;
2. PLC program control, high stability and low failure rate;
3. The whole machine adopts aluminum alloy structure, which is beautiful and solid without rusting;
4. Photoelectric detection to reduce the error rate.
5. The welding strength of the ear band is adjustable.

### Working principle of ultrasonic mask banding machine

The ultrasonic welding method is used to set a conveying device on the machine. The semi-finished product of the mask is input to the conveying device. After being drawn by a cylinder and then pressed by an ultrasonic flower wheel, the band is cut to output the finished product. Placed on the conveyor belt of the machine, the rest of the subsequent work is fully automatic.

### **Technical parameters of ultrasonic mask banding machine:**

N95 strap mask machine

N95 strap mask machine

Product model: NK-BDJ10

Voltage: 220V

Frequency: 20K two ultrasound systems

Power: 3kw

Yield: 25-30 pieces / minute

Machine size: 1900 (L) X 730 (W) X 1300 (H) mm

Machine weight: 300KG

### **Ultrasonic mask banding machine features:**

1. The frame is made of aluminum alloy and stainless steel, which is light and beautiful and does not rust.
2. Automatic counting can effectively control production efficiency and production progress.
3. Variable frequency control, which can adjust the equipment operating speed according to actual needs.
4. Pull the barrel to feed, more accurate positioning, which can minimize the width of raw materials and save costs.
5. Uniform length and size control of the finished product, with a deviation of  $\pm 1$ mm, can effectively control the length of the finished product.
6. The equipment has a high degree of automation and low requirements for operating staff, and only needs to discharge and arrange the finished product.
7. This machine adopts ultrasonic Taiwan system, Japanese transducer, stable performance and easy operation.
8. The automatic ultrasonic welding wheel is made of imported high-quality steel DC53, which can prolong the life of the mold and be durable.

### **Three-dimensional mask machine**

## **N95 cup mask machine**

N95 cup mask machine includes: cup mask forming machine, cup mask mask machine, turntable cup mask welding slicer, cup mask breathing valve punching machine, cup mask nose line fitting machine, cup mask ears With spot welder, cup mask monochrome printer, cup mask breathing valve welding machine, etc.

### **1.Cup shape mask forming machine**

The cup-shaped mask forming machine can automatically complete multiple processes from feeding, to one-time forming, cutting and returning. Compared with traditional manual feeding, returning and cutting, it can save 3-5 man-hours, and can The production of 30-36 masks, using PLC control system, touch screen settings, simple and fast operation, can be used by a single person, only need to manually put and retrieve. Greatly improved production efficiency.

### **2.Cup type mask machine**

The cup-shaped mask mask machine is also called a slicer. It mainly uses the principles of ultrasonic cutting and automatic welding and edge sealing to complete the special-shaped cutting and welding of slices. This machine solves the disadvantages of traditional lace machines such as inaccurate positioning, inaccurate size control, low production efficiency and high labor costs. It integrates many processes, such as unwinding, roller pulling, ultrasonic cutting, waste separation, and finished product slicing, which greatly improves production efficiency, reduces production costs, and makes products more standardized, more stable in quality, and more beautiful in appearance.

### **3.Rotary cup-type mask welding slicer**

Turntable cup mask edge cutting machine is mainly a machine that uses the principles of ultrasonic welding and automatic edge sealing to complete the welding and punching process of the edge of the cup mask. This machine creatively combines two previously completely independent processes of cup-shaped mask fusing and punching. The multi-station turntable, with a cutting device at the same time as welding, both welding and cutting heads work simultaneously. PLC control system is used. , Touch screen setting, simple and convenient operation, can be used by single person and single machine, only workers need to put and take materials, which can greatly save labor and make the production of cup masks simpler and faster.

### **4. Cup mask breathing valve punching machine**

Cup-type mask breathing valve punching machine is used for punching the front-end breathing valve of cup-shaped mask. It adopts foot switch, easy to operate, punching size and mask mold can be designed according to customer requirements. Hole equipment.

#### **5.Cup type mask nose line fitting machine**

Cup mask nasal line applicator is mainly suitable for bonding the nose bridge line of cup mask, instead of traditional manual lamination. The machine uses pneumatic principle to move and auxiliary heating device. Accurate positioning during work, simple operation, strong bonding strength and high efficiency; it is the ideal equipment for the N95 / cup / stereo / dust mask manufacturing industry.

#### **6.Cup type mask ear spot welding machine**

Cup type mask ear band spot welding machine is mainly suitable for welding of flat, inner ear band / outer ear band, cup mask, duckbill type and other shaped masks. This machine uses the original transducer, stable output, high-quality component assembly, reliable performance, smart design of the whole machine, convenient operation, mainly suitable for N95 masks (cup-type masks, dust-proof masks, duck-mouth-type masks, flat masks, etc.) Designed with spot welding, with high production efficiency, simple operation and stable quality;

#### **7. Cup mask monochrome printing machine**

Cup mask monochrome pad printer is used to print the cup mask logo.

#### **8.Cup type mask breathing valve welding machine**

Cup mask breathing valve welding machine is used for welding of cup mask breathing valve.

#### **N95 duckbill mask machine**

Full automatic ultrasonic duckbill mask making machine (duckbill mask making machine) is a machine that uses the principle of ultrasonic seamless welding to produce duckbill masks suitable for high pollution industries. This machine's mask body can use 4 ~ 10 layers of PP non-woven fabrics and filter materials (such as meltblown cloth, activated carbon materials, etc.), so that it can produce finished masks with various filtration levels such as N95 and FFP2. And this machine has a very high degree of automation. It is a one-line automated operation from feeding to finished products: automatic feeding of raw materials, independent nasal line conveying system, and the nasal line can be automatically wrapped in non-woven fabrics, and automatically folded And the finished product is cut, and the breathing valve hole can be automatically added. The finished product produced by this duckbill mask machine has a beautiful appearance; the machine has stable performance, high output, low defect rate and easy operation.

**Duckbill mask machine parameters:**

Machine model: NK-YZ0006

Machine size: 4190 (L) \* 820 (W) \* 2500 (H) mm

Voltage: 220V, 50 / 60Hz

Capacity: 45 ~ 60 pcs / min

N95 duckbill mask machine

Power consumption: 5.3KW

Machine size: 4190 (L) \* 820 (W) \* 2500 (H) mm

Voltage: 220V, 1or 3 phase

Capacity: 45pcs / min

Power consumption: 5.3KW

**Duckbill mask machine features:**

1. Fully automatic feeding system:

1.Aluminum alloy frame, sturdy and beautiful, ensure the size of the finished product is accurate;

2.Stainless steel fixture, adjustable left and right;

3.Tension wheel setting to adjust the tension of the fabric, so as to effectively ensure the beauty and flatness of the finished product;

4. Independent nasal line delivery group, convenient for adjustment and maintenance; after the nasal line is inserted, the positioning point is positioned to effectively ensure the accuracy of the nasal line and the stability of the nasal line.

**N95 Folding Mask Machine****Folding mask machine introduction:**

Folding mask machine, also known as Lijin C mask machine, is a fully automatic machine for the production of folding mask bodies. It uses ultrasonic technology to bond 3 to 5 layers of PP non-woven fabric, activated carbon and filter material, and cuts it out. Folding mask body, can process 3M 9001, 9002 mask body. Depending on the raw materials used, the produced masks can reach different standards such as FFP1, FFP2, N95, etc. The earband is made of elastic non-woven fabric, which makes the wearer's ears comfortable and pressure-free. The filter effect of the mask filter cloth layer is good and perfect It fits the face of Asian people and can be applied to high pollution industries such as construction and mining.

**Folding mask machine parameters:**

Model: NK-MMF901

Machine size: 4400 (L) x 860 (W) x 1300 (H) mm

Voltage: 220V

Capacity: 80pcs / min

Power consumption: 6KW

**Functions and features of folding mask machine:**

1. It can process 3M 9001, 9002 and other folding mask bodies.
2. PLC automatic control, automatic counting.
3. Simple adjustment device, easy to change materials.
4. The mold adopts the extraction and replacement method, which can quickly change the mold and produce different types of masks.
5. The whole machine is made of aluminum alloy, which is beautiful and solid and does not rust.
7. advanced feeding and receiving device.
  
8. High stability and low failure rate.