

KF94 Mask Manufacturing Machine



TESTEX

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TESTEX INSTRUMENT LTD
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KF94 Mask Manufacturing Machine

Basic Introduction



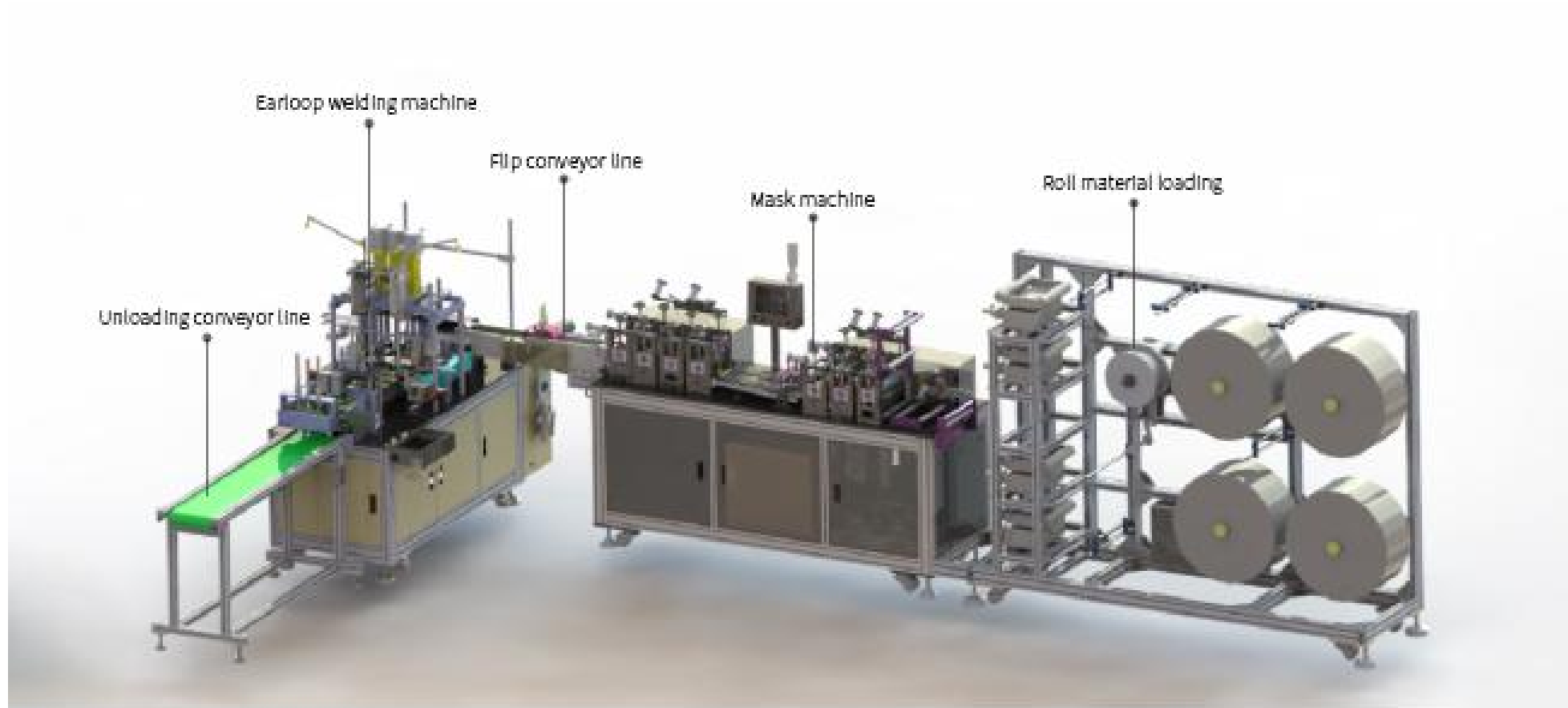
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KF94 mask manufacturing machine, also called fish mask manufacturing machine, and a fully automatic mask manufacturing machine for KF94 standard or DS2 standard mask production, can produce different masks depending on the raw materials used.

KF94 mask manufacturing machine is mainly composed of two parts: main body machine and ear band welding, using servo motor, cylinder, and ultrasonic welding instrument to complete the mask production line.



Production line components



Features:

Fast running speed,
stable production
120pcs/min

PLC programming control, servo drive

Save time and effort,
improve efficiency

The whole process is automated, from the feeding of the material to the completion of the mask making

Simple operation,
easy to use

Simple and straightforward interface and button design

No stuttering, no jamming.
All kinds of earloops are suitable

Specially designed to fit various quality earloops

Precise and firm spot welding position

With round spot welding head

Durable and beautiful, not easy to rust

The main structure is made of aluminum alloy, and the essential parts are made of stainless steel



Beautiful and hygienic finished masks

Using ultrasonic welding technology

TESTEX KF94 VS Mask Machine In Market



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Model	KF94 Mask Manufacturing Machine	Other machines in the market
Quality	All new machines, quality assurance	Most of them are in stock, and the parts may rust and age, which may easily cause problems in operation and affect the service life
Debugging	Four days before shipment, using meltblown cloth for debugging, receive the goods without debugging for production, stable operation.	It didn't debug before delivery and shipped directly after assembly. Take several days to debug the mask machine. During operation, it is prone to jams and needs to be repaired.
Service	Good after-sales service, fast assistance with installation , mask production line can start in half an hour, high efficient capacity produce masks, fast returns.	Debug the machines on your place for 12 to 17 days, machines can not persist running stable, production interruption means low capacity.
Other	We provide an accessories list. You can replace accessories at any time.	Without an accessories list, you cannot change the accessories.

KF94 mask manufacturing machine detail pictures



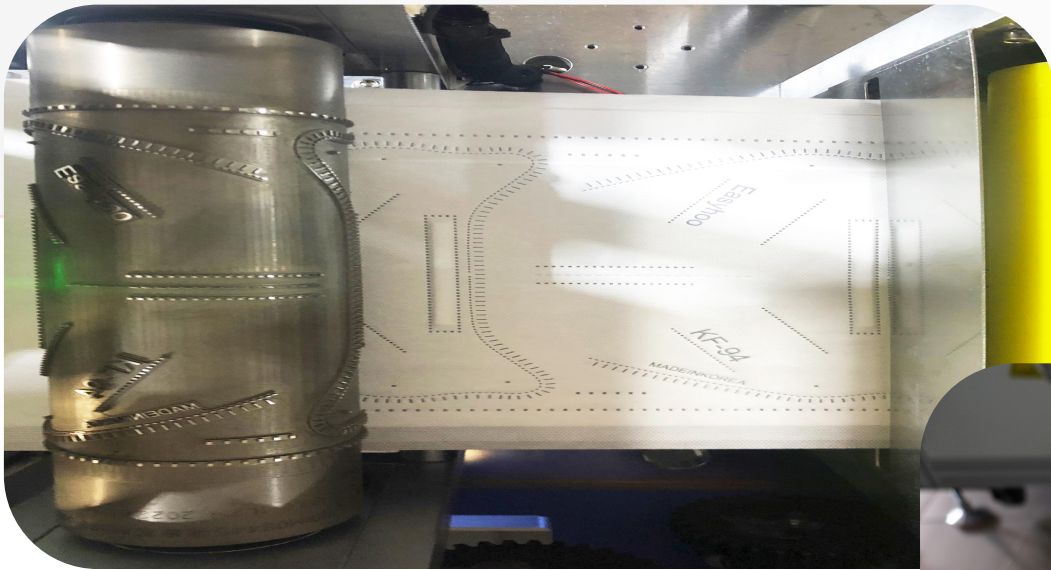
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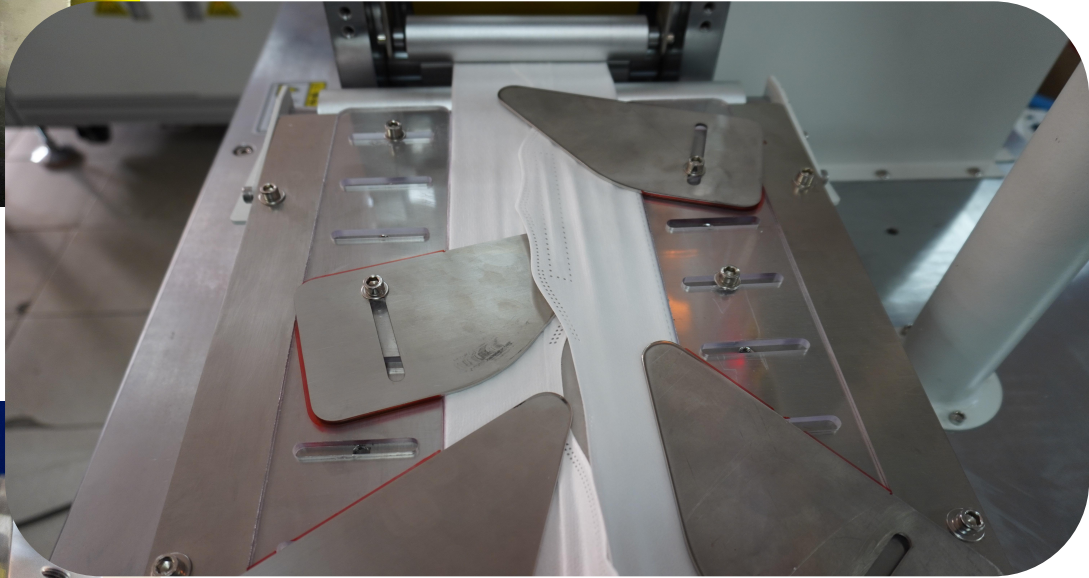
Magnetic powder air shaft feeding rack, scale display, air shaft adjustment, easy to fix the material, reduce the difficulty of changing materials, fine adjustment of the electric brake, more stable feeding tension control



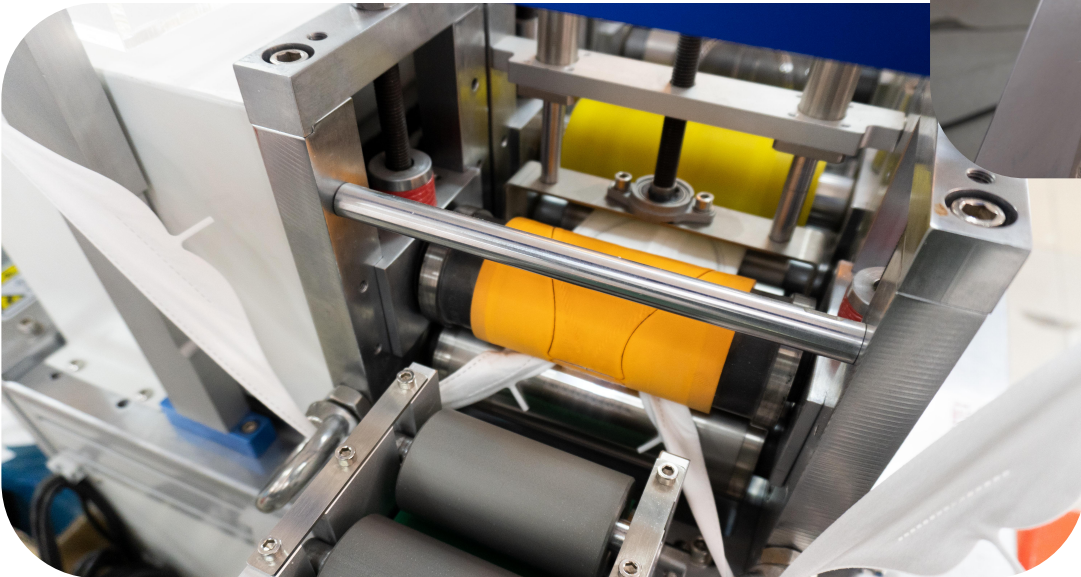
Easy-to-use interface and buttons



Automatic embossing,
high quality mask



Automatic folding and forming
of masks, more efficient



Scrap collection, keep clean

KF94 Mask Detail



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KF94 Specification



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Item	Specification
Capacity	110+pcs/min
Specification	200mm×80mm(Accept customization)
Applicable Materials	Non-woven, Meltblown
Layers of cloth	3-4 layers
Output/day	100000+pcs/day
Machine Weight	1500kg
Machine Size	6000*3700*1800
Machine Material	Aluminum alloy / steel
Control System	PLC
Compressed-Air	≥0.5-0.7MPa
Operator	2人
Welding for Ear loop	15KHZ
Total Electric Consumption	15KW
Voltage	220V, 50/60Hz
Voltage tolerance	±5%

Optional configuration : Masks packing machine



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APM10 Automatic Mask Packing Machine

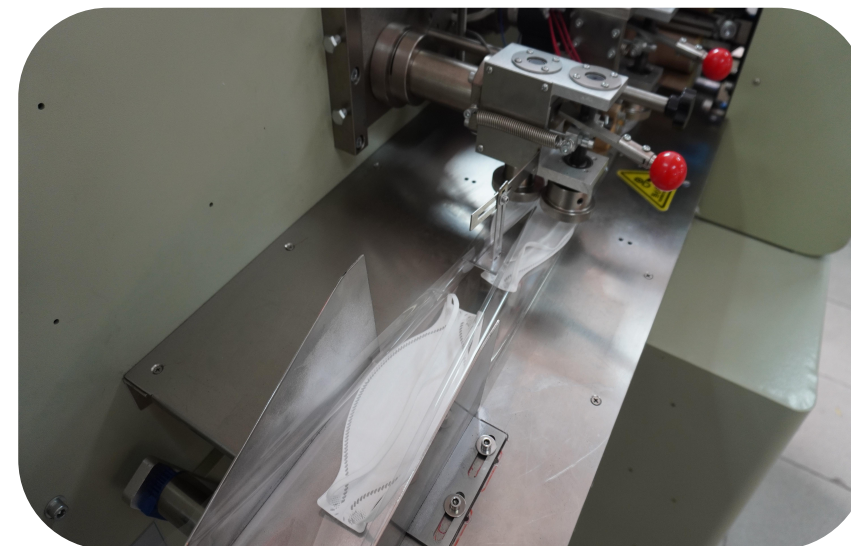
TESTEX added mask auto packing function to the mask production solution cautiously. APM10 is the best auto packing machine that works perfectly with the KF94, featuring the total capacity of the KF94 and reliable packing efficiency and quality.

Optional configuration: APM10 Masks packing machine



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Capacity	30 ~ 120 pcs / min
Film specifications & types supported	Width:140 ~ 320 mm, Thickness: 0.03 mm (e.g. 260 mm for standard adults mask), PP/PE/PS/OPP
Final bag dimension	Length: 60 ~ 450 mm, adjustable Width: 40 ~ 120 mm, adjustable Height: not defined, (e.g. 1 pcs or 10 pcs per bag)
Power	220 V, 50 Hz, 7.25 Kw
Machine size & weight	4100 x 960 x 1370 mm, 450 Kg
Packaging info.	Two cases, total 570 Kg (Main machine: 1900 x 1070 x 1550 mm, 423 Kg; Conveyor: 2900 x 750 x 490 mm, 147 Kg)



Optional configuration : Mask cartoning machine



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Mask automatic cartoning machine

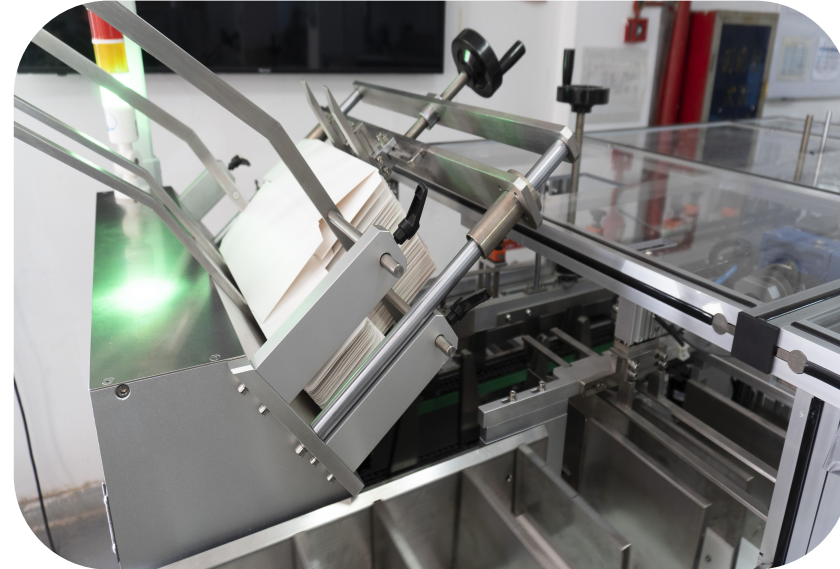
Suitable for all kinds of flat masks, KF94, KN95 masks, etc. Automatic cartoning, the machine adopts insertion type sealing, simple operation, stable operation. Automatic packaging, ready to sell, labor-saving, and high-efficiency.

Optional configuration : Mask cartoning machine



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Capacity	10boxes/min
Feature	Easy to use with automatic alarm and fault prompt, controlled by PLC microcomputer. Using interface control, simple to operate and convenient maintenance
Power supply	220V/50Hz
Power	1-4Kw (Subject to actual)
Box Dimension	225mm*115mm*150mm(L*W*H)
Weight	About 1.5T
Box Requirement	Need to pre-fold, carton indentation is generally at 0.4MM deep. If you open the box by hand, it can't be shaped, and the machine can't open the carton.



Why Choose TESTEX?



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TESTEX (TESTEX INSTRUMENT LTD) is a national high-tech enterprise and SGS ISO certified company that develops and manufactures testing instruments for textile laboratories.

90% of the TESTEX brand instruments are sold to Europe, America, and Asia. Customers include NASA, National laboratories such as the Naval Academy and university research institutes, international inspection agencies such as ITS, SGS, etc., and automotive brands (interior textiles) such as Land Rover and apparel brands NIKE, Under Armour, Uniqlo, etc.

To support the prevention and control of the COVID-19 worldwide, due to the company's decades of experience in mechatronics design, R&D, manufacturing, sales, and after-sales, there came the TESTEX brand mask machines. At the end of January 2022, TESTEX has successfully exported hundreds of mask machines, and customers recognize the quality and service well.

