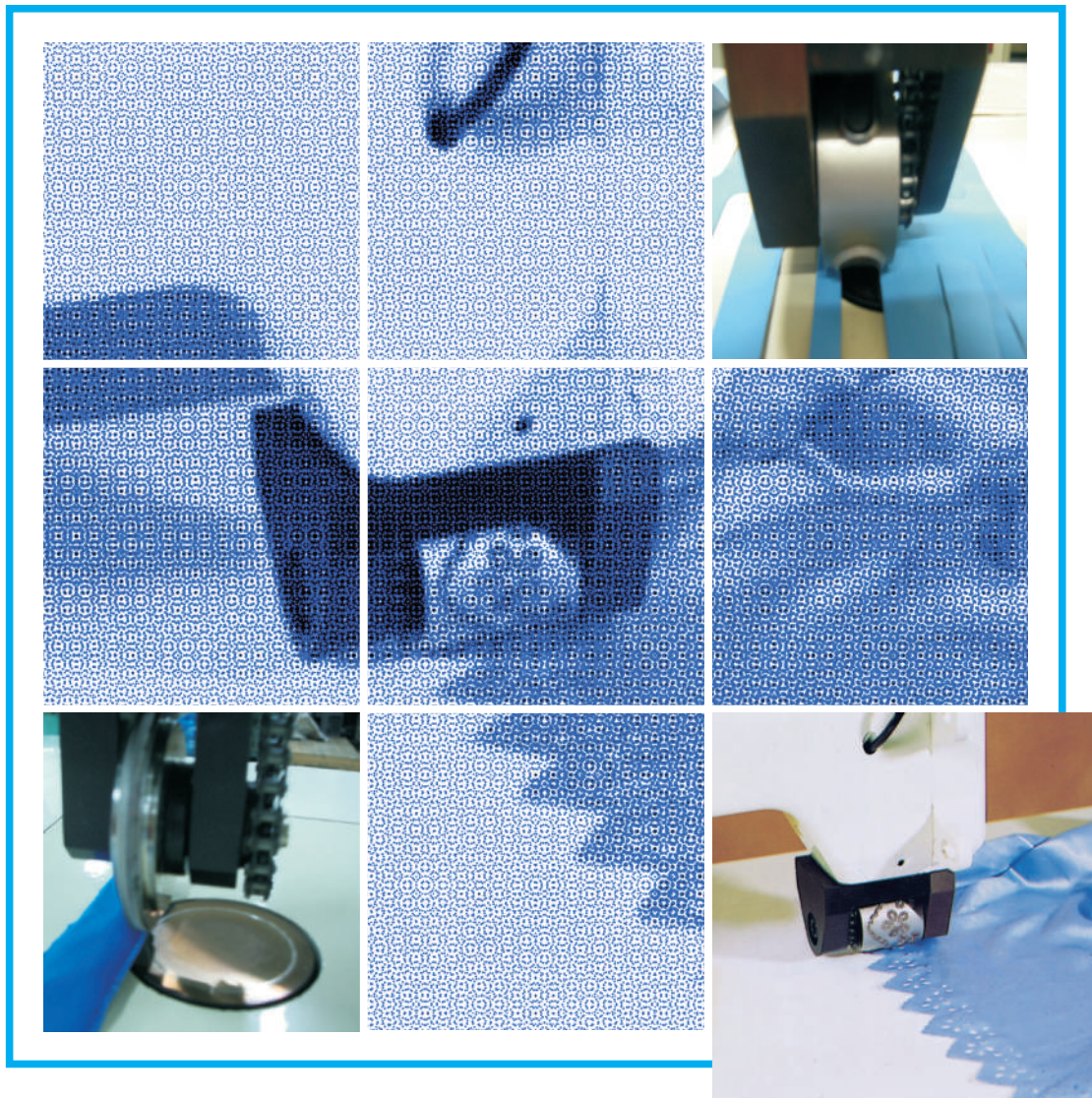


K-SONIC

Ultrasonic Synthetic Fabric Processing Machine



ISO 9001



ISO 9001

Ksonic Sdn Bhd

was established since 1979. As an outstanding Ultrasonic Products manufacturer in Asia and with trademark "K-SONIC", we provided machines for total solutions of plastic welding and synthetic fabric sealing, as well as all the way up to fully automatic manufacturing machines.

We offer ultrasonic industrial machines with different ultrasonic frequencies from 15KHz, 20KHz, 28KHz, 30KHz, 35KHz, 58KHz, 60KHz, etc... for customers in various fields such as semi-conductors, PV solar cell, electronic appliances, stationery, car industry, dresses & garments, decoration & packing, non-woven surgical applications, outdoor wear, lingerie, etc...

Furthermore, with the background of ultrasonic knowledge, from 1984 we had developed a number of ultrasonic medical equipments and aesthetic products such as ultrasonic nebulizer, ultrasonic therapeutic massager, ultrasonic skin scrubber and skin firmer, etc...

With the honors of ISO9001, ISO13485 and over 26 patents filed, with the helps of our 25 global agents & representatives, we are proud could offer our best quality products and technical services to about 40 Countries worldwide.

Honors received

26 Patents filed

- | | |
|--|---|
| 1991 Taiwan Outstanding Merit Award | 1997 Taiwan Enterprise Innovation Research Award |
| 1992 China Beijing Int'l Inventions Gold Medal | 1998 Taiwan Symbol of Excellence Award |
| 1993 Taiwan Symbol of Excellence Award | 2001 Taiwan Enterprise Innovation Research Award |
| 1994 Taiwan MOEA Automatic Turn-key Good Consultant | 2002 ISO 9001, ISO 13485 |
| 1996 ISO 9002, EN 46002 | 2004 GMP Registration |
| 1996 Taiwan National Award of Outstanding Enterprises | 2005 FDA Registration |



ULTRASONIC LACE SEWING MACHINE

KS-85 , KS-72 , KS-200A , KS-200A ARCH



KS-72
3", 2" wide roller



KS-85
2", 1" wide roller



KS-200A
8" wide roller

Features:

1. Use ultrasonic energy to cut, weld, seal, seam, hole, emboss, stitch, slit, form, color & fold.
2. Need no traditional needle & thread.
3. No dissipated edge, wrinkle & shrinkage.
4. Can work continuously for mass production can work curves; easy to change Rollers.
5. Can print color on the laces with colored paper.
6. Accurate & durable alloy Rollers are designed by computer aid & made with sculptural molds.
7. Thousands of pattern roller designs available.

Suitable materials:

Fabrics of synthetic composition over 65%, polyester, nylon, tetoron, TC, sponge, non-woven fiber (2mm thick totally in 3 layers), Thermo-plastic films, steel wire feed in, hot printing paper.

Applications:

Lace clothes, sport wear, garment, doll, gloves, table cloth, covers for chair, bed or pillow, coverlet, window curtain, non-woven mask, packing ribbon, wire ribbon, Christmas ornament, flowers formed animals.



KS-200A ARCH TYPE
8" wide roller

Ultrasonic Rhinestone Sealer



KWF-0160

Power output : 100W 58KHz
Power source : 110V or 220V 1.5A 60/50Hz
Dimension : 170 × 220 × 310 mm
Applications : Clothes, Brassiere, Stocking, Toy, Shoes, Ornament.
Materials : Cloth, Jean, Velvet, Paillette, Simulated Diamond, Acrylic Jewelry.

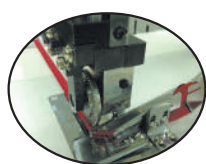
Specifications:

MODEL NO.	KS-82	KS-85	KS-72	KS-200A	KS-200A ARCH
OUTPUT POWER	1400 W			2000 W	
FREQUENCY	20 KHz			20 KHz	
WORKING SPEED	0~18 m/min.			0~9 m/min.	
WELDING WIDTH	1.0~48 mm		1.0~70 mm	200 mm	
ALTERNATIVE ROLLER	1", 2"		2", 3"	8"	
LINE SOURCE	220V 1P 10A			220V 1P 20A	
WORKING TABLE (mm)	W1200 × L550			W1200 × L600	W1800 × L600
AIR SOURCE	7 Kg/cm ²			7 Kg/cm ²	
NET WEIGHT	130 Kg		150 Kg	250 Kg	400 Kg
DIMENSIONS (mm)	W1200 × L550 × H1010			W1400 × L600 × H1400	W2000 × L650 × H1400
THICKNESS OF MATERIAL	0.03~2.0 mm		0.03~1.5 mm	0.03~0.5 mm	

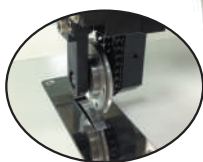
※ NO NOTIFICATION FOR DESIGN CHANGES.

ULTRASONIC ROLL SEALING MACHINE

Ultrasonic Roll Sealing Machine model **KRS-3010** is a flat-bed version machine. The machine is radial sono-vibration with rolling sonotrode in bed bottom and rolling anvil wheel on bed top, this could provide friendly operation for sealing the over cross seams. Constant performance and radius edges could be achieved easily.



Sealing



Cutting



MODEL : KRS-3010P



MODEL : KRS-3010



Applications:

- General purpose sealing
- Filters, bags
- Medical disposables
- Cuffs, sleeves and collars
- Ribbons and trims

Features:

1. Flat-bed version (bottom sonotrode), two different wheels for selection.
2. Radial sono-vibration, easy cutting or sealing the small radius edges.
3. Need no needles, threads, adhesives, or other consumables.
4. Available to seal thermoplastic sheets, laminated, textiles and non-woven.

Specifications:

MODEL	KRS-3010P	KRS-3010
OUTPUT POWER	900 W	
FREQUENCY	30 KHz	
ULTRASONIC SYSTEM	AUTO TUNING FREQUENCY CONTROL	
MAX. WORK SPEED	0~10m / min.	
WHEEL SIZE	Φ 80 × 10.0 mm	
HORN SIZE	10 mm	
LINE SOURCE	220V, 1P, 10A	
AIR SOURCE	5Kg / cm ²	
CONTROL SYSTEM	SPEED/PRESSURE/AMPLITUDE PROGRAMMABLE	
MACHINE SIZE	120×55×120 cm (L×W×H)/130Kg	120×55×120 cm (L×W×H)/100Kg

※Specifications subject to change for product improvement without notice.

ULTRASONIC SEALING M/C

KS-2010 , KS-3010



KS-2010



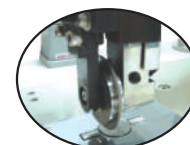
KS-2010



KS-2010C



KS-3010



KS-3010

Features :

- 1.Increased height working head to allow wider working space and convenient operation.
- 2.Sewing head can be moved either rightward or leftward to reduce horn abrasion.
- 3.Table top control makes the operation convenience.
- 4.Knee control for cylinder up and down automatically.
- 5.With assistant working lamp.

Applications:

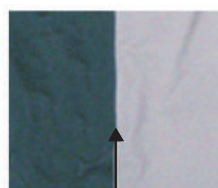
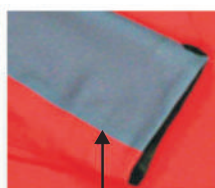
Seamless garments, outdoor wear, bag, sports wear, lingerie, etc.

Suitable materials:

Functional fabrics such as breathable, windproof, waterproof, outdoor wear fabrics etc...



Fabric after sealed



Fabric after sealed

Specifications:

MODEL NO.	KS-2010	KS-2010C	KS-3010
OUTPUT POWER	1400 W	1400 W	900 W
FREQUENCY	20 KHz	20 KHz	30 KHz
ULTRASONIC SYSTEM	Continue Vibration		Auto Tuning
MAX WORKING SPEED	0~18 m/min.		
ROLLER SIZE	φ 60.3 × 10 mm		
HORN SIZE	φ 54 mm	φ 24 mm	φ 28 mm
LINE SOURCE	AC220V, 1P, 10A		
AIR SOURCE	5 Kg/cm ²		
PATTERN ORIGINAL POSITION DETECTED	○	○	○
MACHINE SIZE (L×W×H)	120×55×120 cm		

※ NO NOTIFICATION FOR DESIGN CHANGES.

ULTRASONIC FABRIC SLOT CUTTING M/C

KS-20Z



Features :

1. 3 different width slots in one pattern roller.
2. With programatic control to control the desired length of slot.
3. No dissipated edge, wrinkle & shrinkage slot after cut.
4. Widely use for zipper, garment and pocket slots cutting.

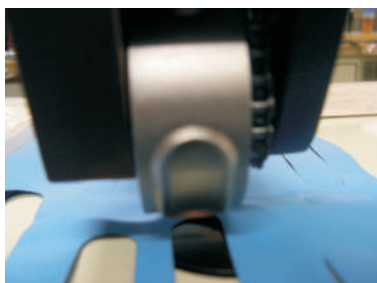
Suitable materials:

Fabrics of synthetic composition over 65%, functional fabrics such as breathable, windproof & waterproof etc...



Applications:

Garment zipper and pocket slot cutting, fabric slot cutting.



Specifications:

MODEL NO.	KS-20Z
OUTPUT POWER	1400 W
FREQUENCY	20 KHz
ULTRASONIC SYSTEM	Continue Vibration
MAX WORKING SPEED	0~18 m/min.
ROLLER SIZE	φ 60.3×24 mm
HORN SIZE	φ 54 mm
LINE SOURCE	AC220V, 1P, 10A
AIR SOURCE	5 Kg/cm ²
CONTROL SYSTEM	PLC
MACHINE SIZE	128×55×118 cm

※ NO NOTIFICATION FOR DESIGN CHANGES.

ULTRASONIC SURGICAL GARMENT SEWING M/C

KS-05A , KS-05B , KS-10



KS-05A
Cuff Sewing



KS-05B
Sleeve Sewing



Floor Type



Table Type

KS-10
Edge Sewing

Control

Features:

- With a ultrasonic generator, horn vibration energy and pattern sealing wheel enable tight turns of material in sealing/cutting.
- Design pattern change of rollers enable sealing/cutting more quality, beautiful & strong.
- It enables straight or curve sealing/cutting to meet application requirements.
- It provides a benefit over conventional stitch, needs no needle & thread. Cost down & easy operation.
- No stitch holes prevent penetration of liquids, blood-borne particulates, provide air-water tight or water-tight air through effect.
- Optional jig can control quality and increase production speed.
- Special arm design enables sealing cuff or sleeve more steadily and faster.

Applications:

- Materials such as non-woven fabric, polyester, nylon, thermoplastic film are suitable for processing.
- Typical applications: medical surgery garments, disposable hospital gowns, surgery caps, shoe covers.
- Industry use: cleanroom & laboratory use anti-dust garments, caps, gowns, air-com filter.
- Living use: shower caps, car-seat covers, coat, suit-cover.



Specifications:

MODEL NO.	KS-05A	KS-05B	KS-10
OUTPUT POWER	1200W		
FREQUENCY / ULTRASONIC SYSTEM	20KHz Continue Vibration		
WELDING SPEED	0 ~ 18 m/min.	0 ~ 18 m/min.	0 ~ 15 m/min.
WELDING WIDTH	1.0 mm ~ 5.0 mm	1.0 mm ~ 10.0 mm	1.0 mm ~ 10.0 mm
LINE SOURCE	AC220V, 1P, 10A		
AIR SOURCE REQUIRED	6 Kg/cm ²		
WORKING TABLE	54 × 43 cm (φ 75mm)	18 × 40 cm (φ 90mm)	50 × 40 cm
NET WEIGHT	80 Kg	80 Kg	50 Kg
MACHINE SIZE	135 × 54 × 127 cm	120 × 54 × 127 cm	Machine : 65 × 68 × 44 cm Control : 54 × 18 × 40 cm
THICKNESS OF MATERIAL	0.03 mm ~ 1.0 mm		

※ NO NOTIFICATION FOR DESIGN CHANGES.

HOT-AIR FABRIC EDGE TRIMMING & HEMMING M/C

KHA-850K , KHA-850H , KHA-810,830



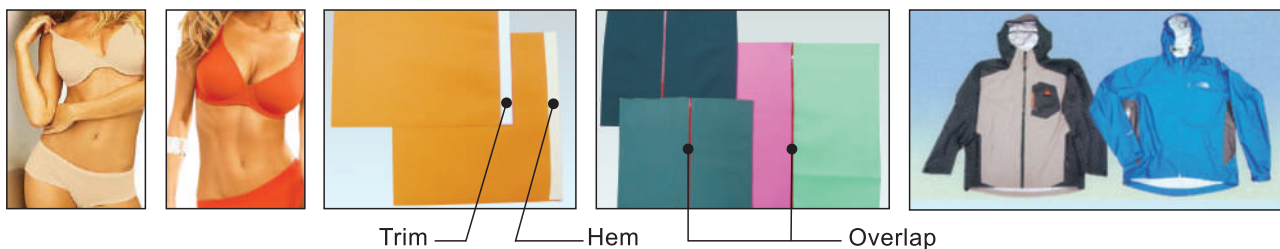
Features :

1. Working speed can adjust independently & can easily converted for different application.
2. Hot Air flow is adjustable according to different work required.
3. Hot Air temperature is adjustable to different applied material.
4. Adjustable pressure upper wheel to suit for different work required.
5. Touch screen display with PLC control possible for multiple parameters storage.

Suitable materials:

Fabrics of synthetic composition over 65% polyester, nylon, lycra, etc...

Applications: Lingerie, swimwear, sportswear, outdoorwear, etc...



Specifications:

MODEL NO.	KHA-850K	KHA-850H	KHA-810	KHA-830
APPLICATION	Pre-tapping & Trimming	Hemming	Hemming	Hemming
LINE SOURCE	AC220V 50/60Hz 1P			
AIR SOURCE	$\geq 6 \text{ Kg/cm}^2$			
HOT-AIR SYSTEM	PID fuzzy control			
MOTOR TYPE	Stepping Motor			
OPERATION	Touch screen			
MACHINE SIZE(LxWxH)	110×52×180 cm	110×52×120 cm	120×52×125 cm	120×52×125 cm
MACHINE NET WEIGHT	110 Kg	100 Kg	110 Kg	110 Kg

※ NO NOTIFICATION FOR DESIGN CHANGES.

ULTRASONIC QUILTING MACHINE



KQ-600



KQ-1600



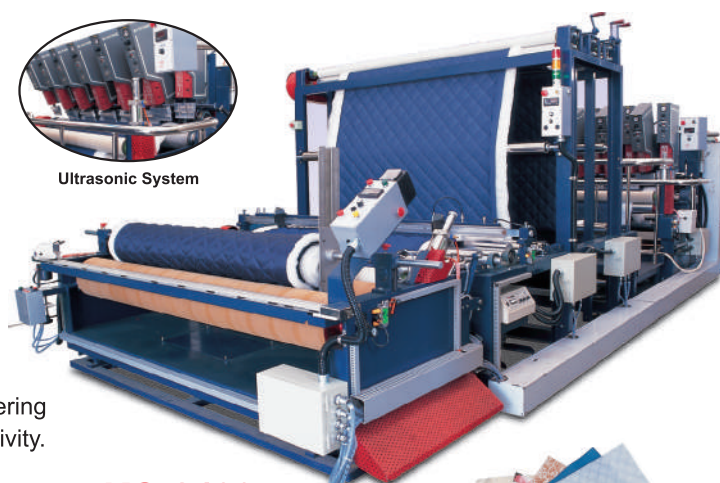
KQ-1900

Features:

1. Unit meets to either soft, bulky or multi-layer products with different materials.
2. No pre-heat is needed before operation. Quilting process can be carried out immediately after switched on.
3. Various patterned products can be obtained by changing patterned rollers in a short time.
4. With automatic indicating system which is able to detect abnormal working and to stop running for avoiding further loss.
5. Selectable options such as Outlet Automatic Centering Device or Cutters to ensure efficiency and productivity.



Ultrasonic System



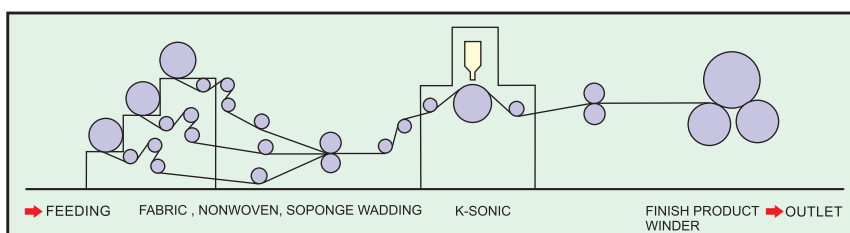
KQ-2400

Applications:

Car covers, chair covers, coverlets, blankets, bed covers, seat cushions, pillow cases, aprons, robes, winter jackets, sleeping bags, shoes, etc.



Standard Quilting Line:

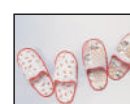
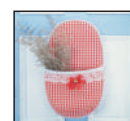


※Selectable Options: Outlet Automatic Centering Device, Cutters.

Specifications:

MODEL NO.	KQ-600	KQ-1600 ~ KQ-2400
OUTPUT POWER	1400 W	1400 W
FREQUENCY	20 KHz	20 KHz
WEB WIDTH	600 mm	1600~2400 mm
WORK SPEED	5~15 m/min.	5~15 m/min.
ULTRASONIC SYSTEM	3 Units	8~12 Units
LINE SOURCE	220V/380V, 50/60Hz 3P	220V/380V, 50/60Hz 3P
AIR SOURCE	6Kgs/cm ²	6Kgs/cm ²
MACHINE WEIGHT	1000 Kgs	2000~3000 Kgs

※Specifications are subject to change for product improvement.

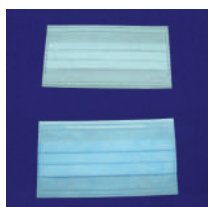


Surgical Mask Main Body Machine

The **KMU-3001** is designed for making the surgical mask main body, it is a fully automatic machine for producing the mask main body from feeding the raw material, inserting & cutting nose wire, pleating, edge hemming, the ultrasonic welding and piece cutting. A counting and collecting conveyor for the finish goods is also included.



Model: KMU-3001



FEATURES:

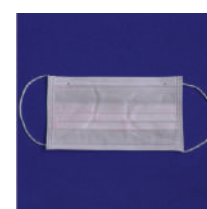
- Strong and durable machine frame suit for continuous operation.
- Dimension adjustable due to Mask body size.
- Pleating position adjustable.



Surgical Mask Elastic Ear-Loop Machine

KMU-3002 is designed to weld the two ear loops onto the mask main body by the ultrasonic welding automatically. The mask main body has to put manually piece by piece into the machine conveying jigs.

Model: KMU-3002



FEATURES:

- Compact machine size, only small working area needed.
- Reliable and durable machine frame construction for continuous operation.
- Photoelectric sensors for positioning.

Specifications:

Model	KMU-3001	KMU-3002
Line Source	220V, 1 or 3P	220V, 1 or 3P
Power Consumption	5KW	3KW
Air Source	6 Kgs/cm ²	6 Kgs/cm ²
Ultrasonic System	20KHz. 1 Unit	20KHz. 2 Units
Productivity	90~120 pcs/min.	25~35 pcs/min.
Machine Dimension (mm) (L × W × H)	1500 × 700 × 1800	1900 × 1050 × 1500
Machine Weight	500 Kgs	500 Kgs

※ No Notification for Design Changes

Synthetic Fabric Processing Machines:

- Ultrasonic Lace Sewing Machine
- Ultrasonic Sealing Machine
- Ultrasonic Fabric Slot Cutting Machine
- Ultrasonic Foam Bra Cutting Machine
- Ultrasonic Surgical Garment Sewing Machine
- Surgical Mask Main Body Machine
- Surgical Mask Elastic Ear-Loop Machine
- Hot-Air Fabric Edge Trimming & Hemming Machine
- Ultrasonic Quilting Machine
- Customize Design Machines

