



Estd. 2006



*Imagine to Innovate...*

Garment Label Cutting,  
Folding & Printing Machines

## Company Profile

Founded in 2006, Vertex Edge Tech is an advanced machine developer with more than 16 years of experience in structuring, developing and manufacturing **Special Purpose Machines and Cutter Blades** for garment label manufacturing industry.

Following the concept of Make in INDIA, the company has launched its first ultrasonic label cutting machine in the year 2016, this makes VERTEX as a complete indigenous label cutting machine manufacturer in India. The Company has also developed precision label cutting blades for all well renowned machine brands. We also serve to some of the biggest label manufacturing companies in India. At VET, we always strive hard to design machines for label industry. Our customers centric service, excellence in technology and ethics makes us unique in industry.

Our company policy includes reliable and effective service, in time production and delivery as well as high flexibility.

## Our Core Values

### CREATIVITY

Creating new products & Services forever changing the industrial needs.

### QUALITY

We will continuously upgrade ourselves to deliver excellence.

### GROWTH

We strive hard for overall prosperity of organization, subordinates & our customers.

### CLIENT SERVICE

We ensure prompt and time bound services leading to customer delight.

### TRUSTWORTHINESS

We ensure confidence in business associates, customers & subordinates.

## VET 90 PRO (Ultrasonic Cut Seal Machine)

Specially designed ultrasonic label cutting machine for printed and woven labels. Equipped with the finest ultrasonic device to provide ultra smooth and perfectly sealed edges.

Machine controlled by PLC programing and intelligent mark sensor to prevent false in highspeed production. The machine is equipped with Smart touch screen and advance user friendly programing.

*Highly recommended for Single Side Slit Edge Satin, Normal Satin, Taffeta & Cotton Tape.*

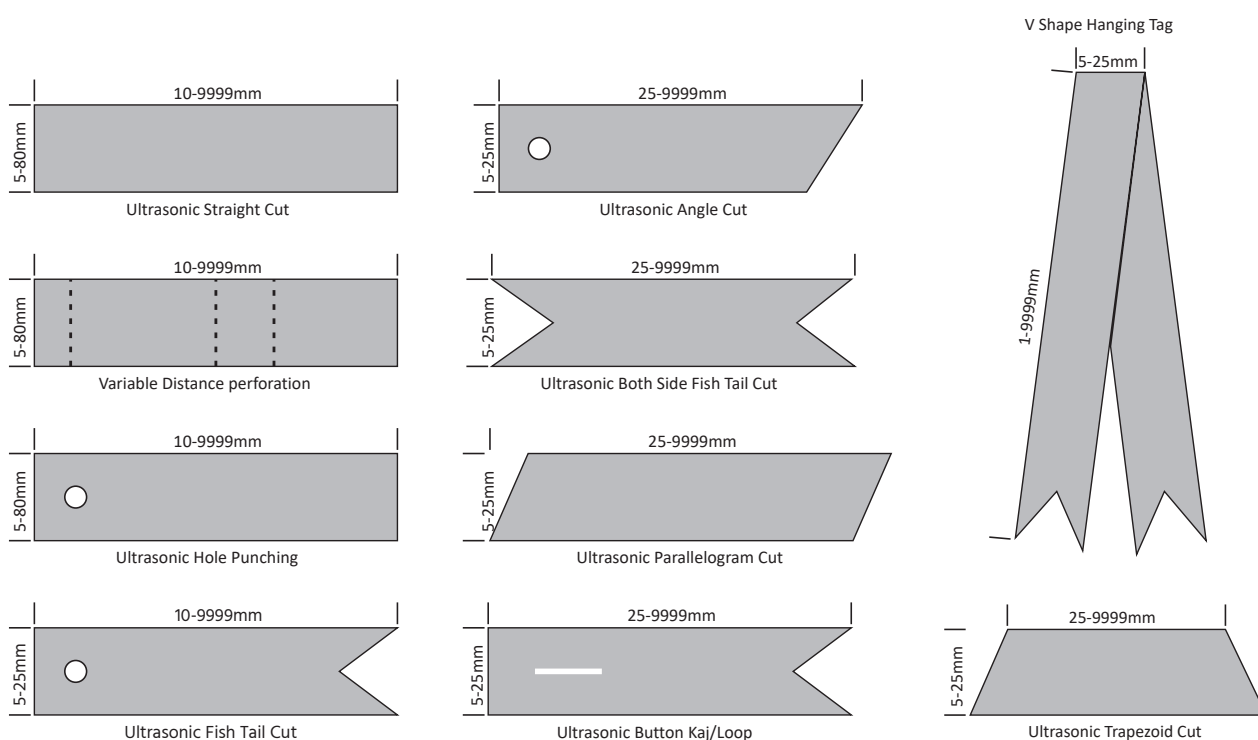


## Technical Specification

Cutting Length	10 - 9999mm
Cutting Width	5 - 80mm
Cutting Speed	500 pcs/min
Power Supply	Single Phase 220v 50-60 hz
Electric Consumption	2.6amp
Ultrasonic Specification	20khz 2000w
Operation Mode	Digital Touch Screen
Weight	150kgs
Dimensions	L 1520 x W 800 x H 1420mm

## Specially Designed Multi Cut Feature

Same machine can be converted into multi shaped cutting machine, which can cut different types of shapes with ultrasonic smooth finishing.



## VET 110 (Ultrasonic Center Fold Machine)

This machine is designed specifically to cut and center fold Satin and Cotton Labels with Ultrasonic Smooth finishing edges.

This Make in INDIA product has ability to cut and fold labels at very high speed. It also has mask sensor to maintain accuracy and prevent slide difference in printing and error free production.

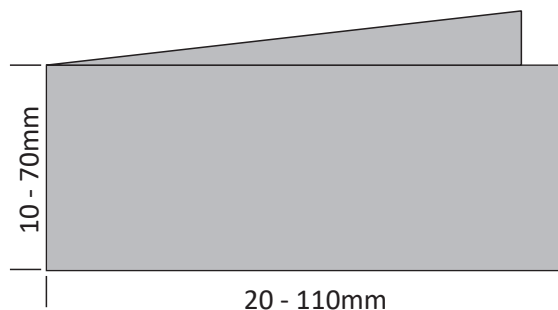
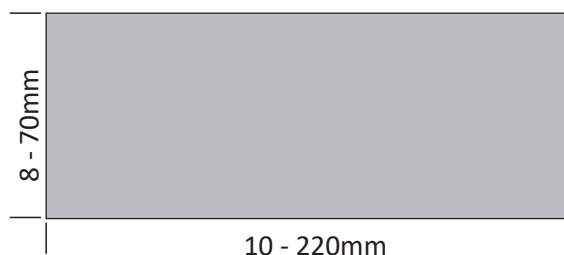
### Special Feature (Optional)

This machine has facility to cut only straight cut labels at a high speed with specially design conveyor cum stacker.



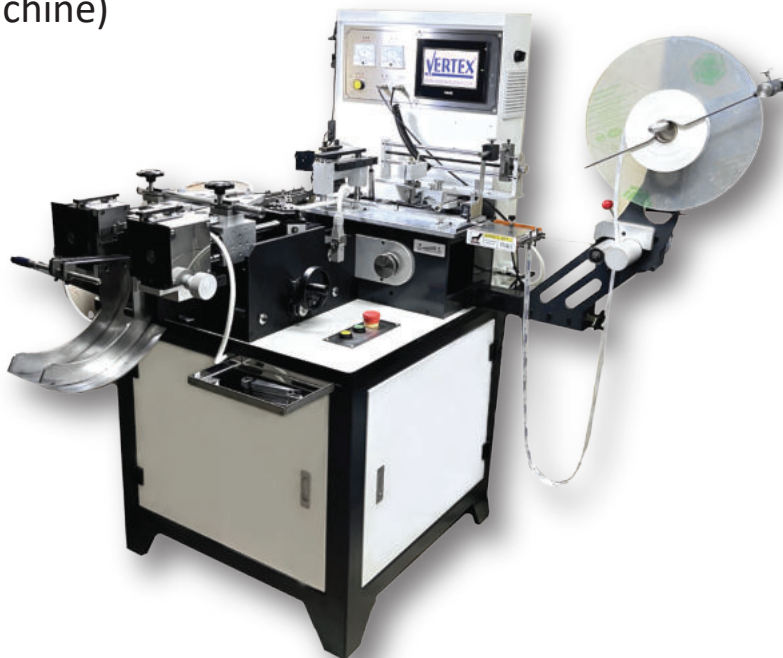
### Technical Specification

Cutting Length	10 - 220mm
Folding Length	20 - 110mm
Cutting Width	10 - 70mm
Folding Top Speed	180 p/min
Straight Cut Top Speed	300 p/min
Power Supply	Single Phase 220v 50-60 hz
Electric Consumption	1.5 kw
Interference	Touch Screen
Weight	Aprox. 250 kgs
Dimensions	L 1260 x W 700 x H 1430mm



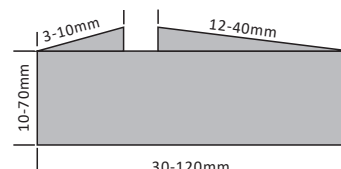
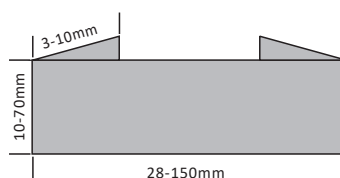
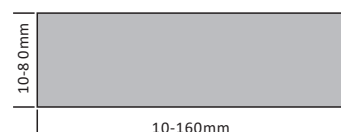
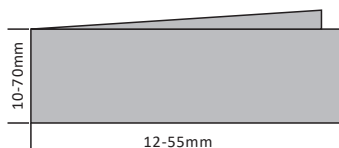
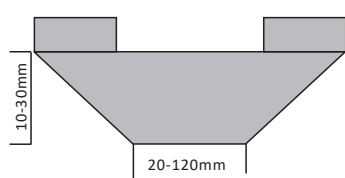
## VET 70 (Full Function All Fold Machine)

Label cutting and folding machine is featured with a compact structure and easy operation. The machine can chopper fold five types of labels just by changing the molds. The computerized control system is equipped with a high-end panel which is powerful and user friendly. The main engine is driven by the frequency changer circuit to realize a soft start, and with the addition of a high-performance photoelectric system, which allows automatically to recognize the labels and stop when there's no label or defective labels. It's also featured with characteristics of adjusting the length of the label without the use of any tool, also it can be equipped with a Color sensor system according to users' requirements. The main target of this system is for chopper folding the printed labels and the labels without pushing line.



## Technical Specification

Folding Types	Cut seal, End fold, Center fold, Triangle fold
Cutting Length	10 - 160mm
Cutting Width	10 - 70mm
Cutting Speed	180pcs/min
Cutter Type	Cold Cut and Hot Cut
Power Supply	Single Phase 220v 50-60 hz
Electric Consumption	1.8 kw
Operation Mode	Digital Touch Screen
Weight	295kgs
Dimensions	L 1100 x W 950 x H 1620mm



Adjust the size of the label by simply adjusting the turntable to get the desired size.



Touch Screen panel for powerful and user friendly Operations



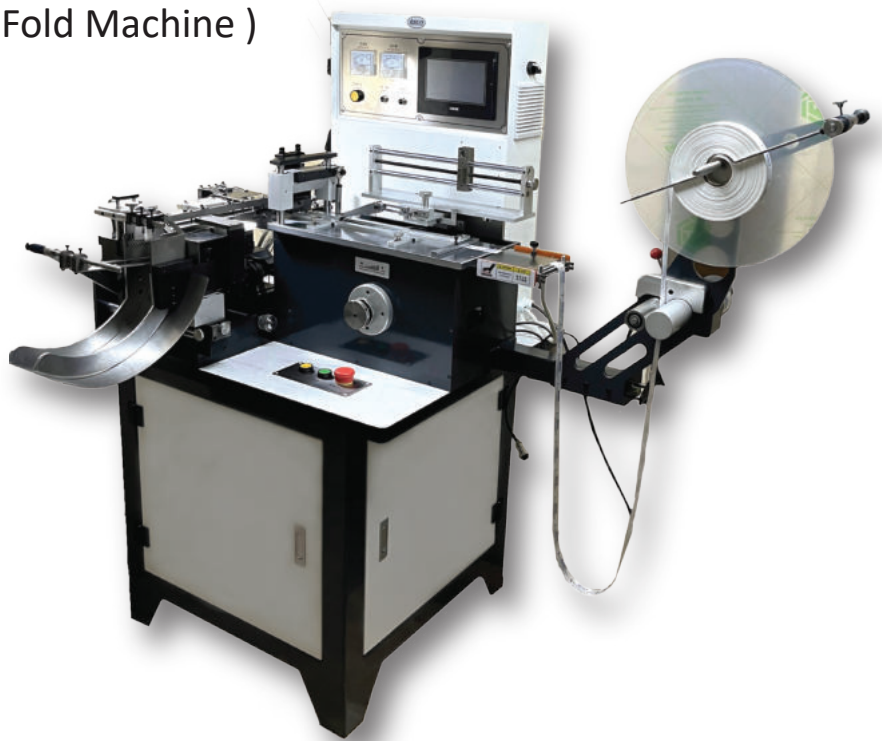
Color sensor system. This system is mainly for the chopper folding of the printed label and label without pushing line.



## VET 71 ( Hot & Cold Center Fold Machine )

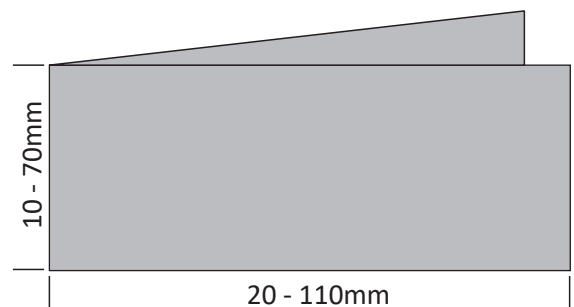
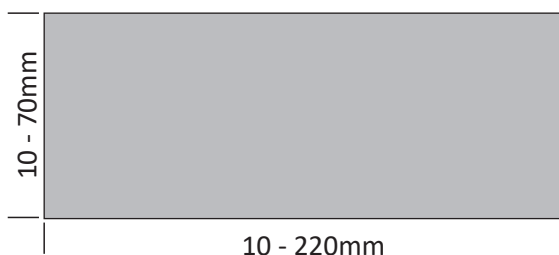
This machine is designed specifically to cut and center fold Satin and Cotton Labels with Ultrasonic Smooth finishing edges.

This Make in INDIA product has ability to cut and fold labels at very high speed. It also has mask sensor to maintain accuracy and prevent slide difference in printing and error free production.



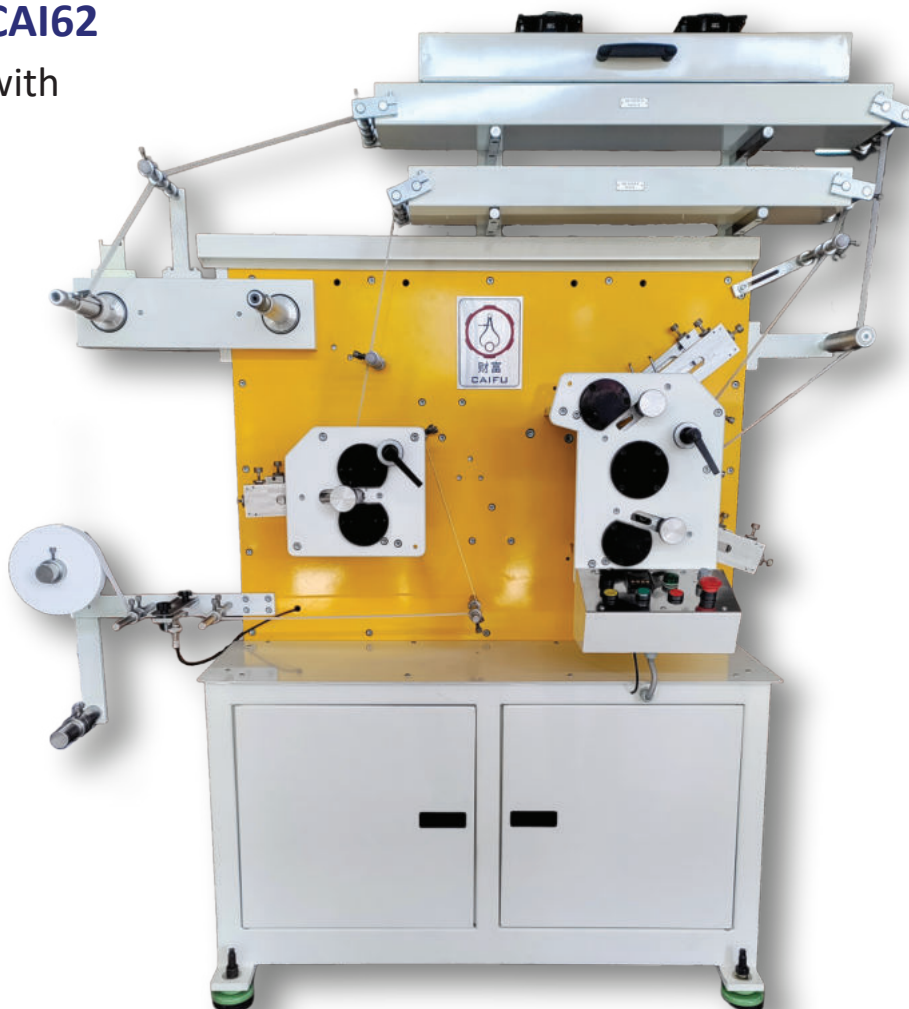
## Technical Specification

Cutting Length	10 - 220mm
Folding Length	20 - 110mm
Cutting Width	10 - 70mm
Folding Top Speed	180 p/min
Straight Cut Top Speed	180 p/min
Power Supply	Single Phase 220v 50-60 hz
Electric Consumption	1.5 kw
Interference	Touch Screen
Weight	Aprox. 250 kgs
Dimensions	L 1260 x W 700 x H 1430mm



## CAI21, CAI31, CAI42, CAI62

(Flexo Printing Machine with IR Heater Dryer)



## Characteristics

The machine prints through the high precision mesh cylinders to convey the ink evenly to the printing cylinders which then directly transfers the ink by pressing on the tape surface. After that they are dried through the drying system. Then the whole printing is finished. This machine has dozens of cylinders for the user to exchange. In this way, it changes the printing length, featuring accurate printing. It can print 60meters per hour. It can be the substitute for the mesh printing machine.

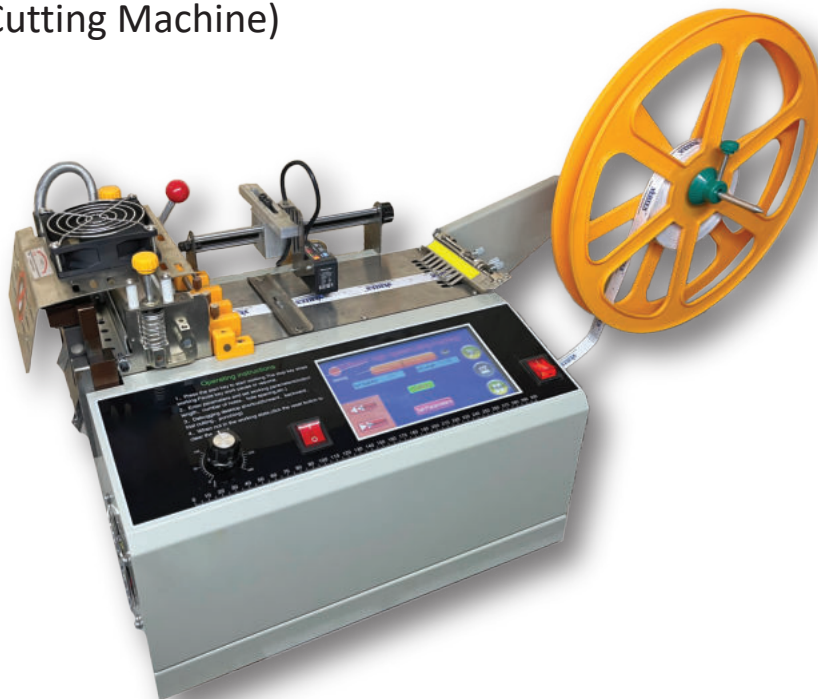
## Main Technical Variables

Model	CAI21	CAI31	CAI42	CAI62
Front Side Printing	2 Colours	3 Colours	4 Colours	6 Colours
Back Side Printing	1 Colour	1 Colour	2 Colour	2 Colour
Max.printing Length	300mm	300mm	400mm	400mm
Min.printing Length	100mm	100mm	108mm	108mm
Max.printing Width	150mm	150mm	150mm	150mm
Max.printing Speed	50m / min	50m / min	50m / min	50m / min
Power	220V / 3 Kw	220V / 3 Kw	220V / 4 Kw	220V / 4.2 Kw
Weight	650 Kg	700 Kg	700 Kg	750 Kg
Dimensions	1680 x 780 x 1900mm	1800 x 780 x 1900mm	1800 x 750 x 1850mm	1960 x 800 x 2000mm

## VET 300 (Hot & Cold Label Cutting Machine)

This machine is designed specifically to cut accessories like Label Garment Labels, Cloth tape, ribbon tape, Satin tape, Paper tape etc. It is a highspeed cutting machine and have flexible length adjustment.

It also has mark sensor to maintain accuracy and prevent slide difference printing and error free production. Cold cut operation is useful in cutting taffeta, Tyvek and paper. Hot cut operation is useful in cutting satin, woven satin, nylon tape, polyester tape, sticker tape

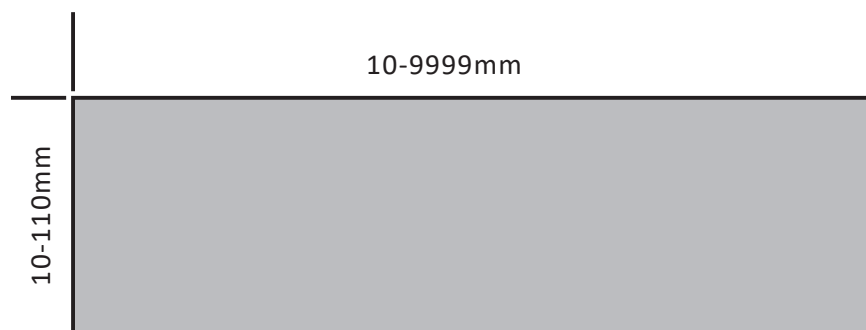


## Technical Specification

Cutting Length	10 - 9999mm
Cutting Width	10 - 100mm
Cutting Speed	300 p/min
Power Supply	Single Phase 220v 50-60 hz
Electric Consumption	1.5 kw
Knife Temperature	400-450 C
Operation Mode	Touch Screen
Weight	46 kgs
Dimensions	L 800 x W 460 x H 600 mm

## Optional Accessories

- 1) Auto Stacking Belt Conveyor
- 2) Automatic Unwinder





## VET 800 (Ultrasonic Garment Label Slitting Machine)

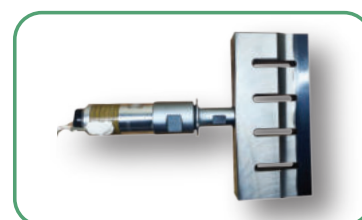
### Characteristics

VET800 ultrasonic label slitting machine adopts the imported ultrasonic system and imported FIFE web guide system. The incision is automatically sealed without melting edges, raw edge and loose edge etc. There is no need for preheating, which allows to have a high efficiency. The products will not turn black and be burned, and the incisions are soft, beautiful and flat. Adjustable blade adapter can adjust the distance between the blades according to different requirements, which can also be moved to the left and right as a whole. The more flexible and changeable adjustment makes production smoother. The imported round blade, with an excellent quality, makes it easy to achieve the best slitting effect. The adaptation of professional industrial control circuit and touch screen system, to have a real-time recording and monitoring on the tension and production history, so as to achieve the standardization management.



### Technical Specification

Ultrasonic Frequency	20k HZ
Slitting Width	200mm
Number Of Tapes	20nos. (10mm each)
Cutter Speed	0-15M/minute
Power Supply	Single-Phase 220v50-60 hz
Electricity Consumption	1.8 Kw
Air Supply	6 Bar
Weight	510 Kg
Output Packing	2440x1200x1520mm



Imported titanium alloy vibration table which can serve for a long time and have a super efficiency.

## ULTRASONIC SLITTER HORN, CONVERTER & GENERATOR ( Specially Recommended For Musonic )

### Description

The specially Designed Ultrasonic horn transducer and generator are most suitable for slitting woven labels in Strip form to obtain perfect sealing on labels and feather smooth edges. We provide customized solutions which enable us to install the new system on almost all brands of machine. The generator adopts new generation technology for longer working hours. The booster and the titanium Horn are made of Aero grade material to deliver the highest possible smooth edges and longer working life.

### Technical Specification

Horn Size & Frequency	270 x 25 x 181 / 20 KHz
Output Power	2600 Watt max
Working Voltage	220 to 230 AC
Booster Frequency	20 KHz
Electric Consumption	2.6 kw



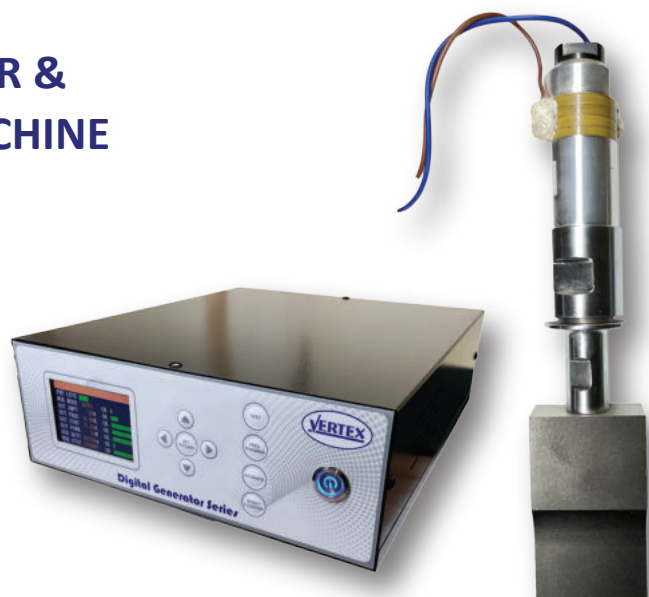
## ULTRASONIC HORN, CONVERTER & GENERATOR FOR CUT-SEAL MACHINE

### SERVICES PROVIDED

1. 20Khz, 28Khz & 35Khz Ultrasonic Horn & Transducers
2. 20Khz, 28Khz & 35Khz Ultrasonic Generator
3. Titanium and Metal horn provided as per requirement
4. We provide service for any brand or non branded ultrasonic system

### KEY FEATURE

Facility to avail standby ultrasonic system for existing break down machine (Optional)



Specially Designed Ultrasonic System for Garment Label Cutting Machine

## CUTTER / BLADE MANUFACTURING AND RE SHARPING SERVICES

### Characteristics

1. High grade tool steel used.
2. Hardened & ground for higher life cycle.
3. Optimum hardness for ware resistance.
4. Cutting Edge maintained and calibrated on specialized machines.

### Specially Recommended Cutters For Following Label Cutting & Folding Machines

1. Willy
2. Forthman
3. HrostKind
4. GoldFai
5. Wing Singa ( WS )
6. All Other Chinese Machines



ULTRASONIC CUTTER / PERFORATION CUTTER



HOT CUTTER



COLD CUTTER



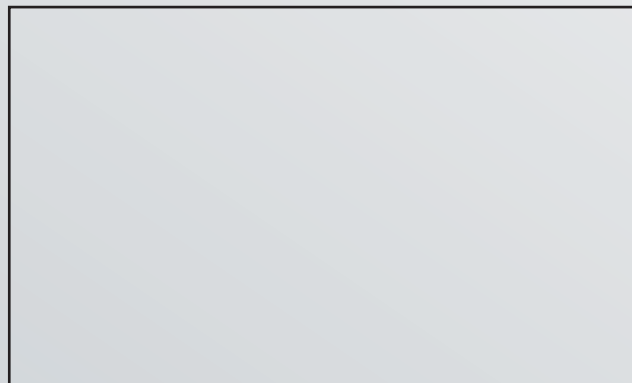
PRINTING MACHINE DOCTOR BLADE



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**VERTEX<sup>®</sup>**

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**VERTEX EDGE TECH**

Unit no.7, Building no.44, Rushabh Industrial Estate, HDIL industrial Park, Chandansar Road,  
Virar East, Dist.: Palghar - 401303. Maharashtra, INDIA