



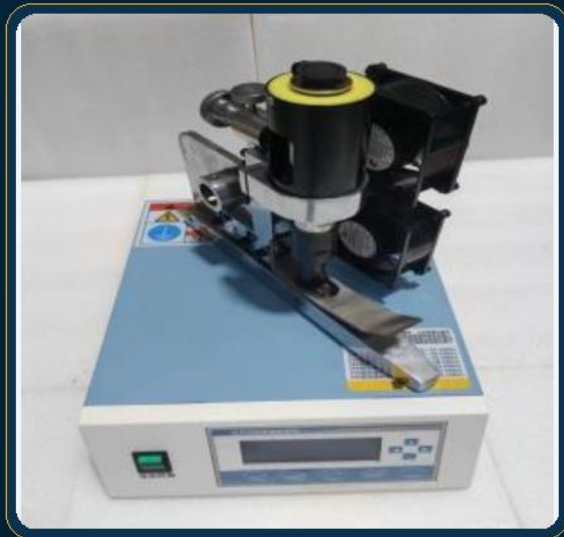
HEYAANSH
ULTRASONIC CUTTERS

Heyaansh Ultrasonic Cutters

Precision Fabric Cutting & Sealing Solutions

Precision cutting. Zero fraying. Ever.

We supply and support ultrasonic fabric cutting and sealing machines for FIBC, packaging, apparel, and industrial textile production. Using 20 kHz ultrasonic vibration, the machine cuts and seals edges simultaneously for clean, consistent output.



18 m/min
Cutting Speed



≤ 0.1 mm
Accuracy



3.0 kW
Generator Power



20 kHz
Frequency

**Free consultation for
manufacturers and converters.**

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Why ultrasonic beats conventional cutting

Engineered for clean, precise, high-efficiency fabric processing.

The ultrasonic fabric cutting and sealing machine generates controlled frictional heat at the cutting point using high-frequency ultrasonic vibrations. This enables simultaneous cutting and edge sealing with zero fraying, burning, or deformation on synthetic and blended fabrics. The precision control system supports stable, continuous production with...

1

Sub-millimetre Precision

Cuts to ± 0.1 mm accuracy at speeds up to 18 m/min for consistent edge quality.

2

Zero Fraying, Zero Burning

Cuts and seals the edge simultaneously, eliminating fray, burn marks and deformation.

3

Energy Efficient

The 3.0 kW ultrasonic generator uses less energy than hot-knife or laser alternatives.

4

Industry-Ready Integration

PLC controls, recipe storage and real-time display help fit into existing production lines.

Supported materials

PP Woven Fabric

PE-Coated Fabric

Laminated Fabric

BOPP Rolls

Non-Woven Fabric

Blended Synthetics

Simple integration path **1** Assess need **2** Select configuration **3** Install & integrate **4** Run production



Technical specifications & applications

Production-line details for ultrasonic cutting, sealing and integration.

1 **Ultrasonic Generator**
3.0 kW, 20 kHz

2 **Cutting Speed**
8 - 18 m/min

3 **Cutting Accuracy**
≤ 0.1 mm

4 **Seal Width**
1 - 12 mm adjustable

5 **Trim Width**
10 - 50 mm dual-side

6 **Horn Size**
120 mm standard + wide horns

Machine Features

1 **User-Friendly Controls**
10-inch touchscreen HMI, PLC-based control, recipe storage, real-time display and built-in safety.

2 **Tooling & Attachments**
120 mm horn, wide horns for thick fabric, guided rollers, quick-change blade system and scrap collection.

3 **Physical & Build**
Compact footprint, heavy-duty frame, reliable operation from 5°C to 40°C and humidity under 80%.

Industry Applications

FIBC / Bulk Bags

Apparel & Garments

Medical Textiles

Industrial Packaging

Non-Woven Products

Agricultural Fabric



Machine & Spare Parts

Contact us for pricing, shipping, bulk orders, installation quotes and technical support.

1



UL-C PRO

PP Woven Online Tube Cutting Machine

220V 50KHz • 800W • 50-300 GSM

2



UL-C HORN

Horn

3



UL-C Wheels

Wheels

Choose the one you prefer.

4



UL-C Blade

Blade

Can be changed as 4 PCS blade.

5



UL-C UC

Ultrasonic Cable

6



UL-C PC

Power Cable

7



UL-C MC

Circular Looms Connection Cable

Built for production reliability

Over-load & over-current protection

Anti-static discharge system

Auto temperature & amplitude control

Low-noise enclosed cabinet



Ready to upgrade your cutting process?

Talk to the Heyaansh team for pricing, demo requests, technical specifications, or the full product brochure.

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heyaanshfbc.com/ultrasonic-cutters

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