



ULTRAAUTOSONIC are Manufacturers, Suppliers, and Exporters of Ultrasonic PP Box Welding machines. We designed the ultrasonic welding machine for PP Box in different sectors like the Automotive sector, Coroplast Corrugated Box, Corrugated Box, Food & Beverages Container, Industrial Storage Container, Pharmaceutical Storage Sector and etc

An ultrasonic PP corrugated box likely refers to a packaging solution made from polypropylene (PP) material that incorporates corrugated layers. PP (polypropylene) is a thermoplastic polymer, and using ultrasonic welding for PP corrugated boxes can provide efficient and precise bonding. These machines are commonly used in the packaging industry for joining corrugated plastic sheets or boxes. They work by applying ultrasonic vibrations to the materials, causing them to melt and fuse together

SPECIFICATION

Frequency (Khz)	20
Power (Watt)	2000
Horn	Design as per the customized application
Actual Weight	Approx. 150 kg
Actual Size (L X W X H)	Approx. (1702 x 610 x 2312) mm
Packaging Type and Size	Open Packing and Approx. Size (1702 x 610 x 2312) mm

Operational Requirement

Input Power Supply	AC 230V 50/60Hz, 16Amp
CVT / Stabilizers	If the voltage is unstable then use CVT / Stabilizer to avoid damage
Working Pressure	2 to 10 bars (Air Compressor required 1 Hp 50Ltr)

FEATURES

1. Polypropylene Material
2. Capable of high-speed welding to increase production efficiency.
3. Highly durable
4. Create a strong bond.
5. Digital control panels for precise adjustment of welding parameters such as welding time, welding pressure, and amplitude.

6. Ability to adjust welding for different thicknesses of PP corrugated sheets
7. Emergency stop buttons, protective covers, and sensors to ensure safe operation.
8. PP corrugated boxes, trays, partitions, and other products.

ADVANTAGES

1. High-quality finished products with tight seals and strong joints.
2. Reduces costs and eliminates the need for consumables.
3. Minimal waste and does not involve the use of glues or solvents, resulting in a clean and environmentally friendly process
4. These machines can weld PP corrugated boxes of various sizes and shapes
5. The welded joints are resistant to tearing, moisture, and heat-resistant
6. Integrated into automated production lines, streamlining the manufacturing process and reducing labour costs.
7. This automation improves consistency and reduces the risk of human error.

APPLICATION

- ◆ Automotive Sector PP Box
- ◆ Corrugated Box
- ◆ Industrial Storage Container
- ◆ Retail Packaging
- ◆ Coroplast Corrugated Box
- ◆ Food & Beverages Container
- ◆ Pharmaceutical Storage



Automotive Sector
PP Box



Coroplast Corrugated
Box



Corrugated Box



Food & Beverages
Container



Industrial Storage
Container



Pharmaceutical Storage



PP Box 1



PP Box 2



Retail Packaging



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ULTRAUTOSONIC LLP

World Class Ultrasonic Equipments Manufacturer & Exporter

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