

BelSonic Seamstar BS-004

Continuous ultrasonic sewing machine for Line Bonding of stitched fabrics



Features

The BelSonic BS 4010 ultrasonic sewing machine is widely used in the seamless garment industry where ultrasonic welding between two panels is required, such as "Line Bonding" application.

The Belsonic BS 4010 has a popular sewing machine platform and thus no special training is required from the operator, it just runs like a popular sewing machine.

The ultrasonic sewing machine will cut & seal your fabric panels simultaneously. When reopening the fabric panels after the cut & seal operation there bonding line will be nearly invisible and the seam will not be thicker than the fabric itself.

Your advantages

- Machine is controlled by PLC (programmable controller)
- The cutting force is accurately controlled
- An automatic cutter calibration is available
- Changing the knife is very easy and a selection of different cutters is available
- Fabric thickness can be selected to optimize performances
- Due to its unique design the machine is particularly suitable for stretch fabrics such as knits and lycra and making it the most valuable tool for casual wear and underwear industry.
- The 40 kHz ultrasonic system assures a very quiet operation mode

Applications

Our Belsonic Seamstar BS-004 machine is used in the garment industry for the making up of lingereie products, outdoor and sporting garments, all kind of garments where a seamless or sewfree seams are required.

First the two fabric panels are being cut & sealed simultaneously by our Belsonic 004 ultrasonic sewing machine, leaving a minimal waste. After that when reopening up the fabrics there is nearly no visible seam and certainly no extra material thickness due to the welding of the seam. (see picture 01).

After that the seam has to reinforced with an adhesive tape ideally using our Seamsealer 001 machine. (see picture 2).

All of this to achieve a completely seamless garment (see picture 3)



Picture 1



Picture 2

Technical Features

Power supply:	AC 220 V 50/60 Hz single
phase	
Power consupction:	700 watt
Ultrasonic Frequency:	40 kHz
Horn widht:	3 mm
Welding speed:	1m to 3.6 m/min
Overall Dimensions:	1100X500X1200mm
Overall weight:	120 kg



Picture 3