

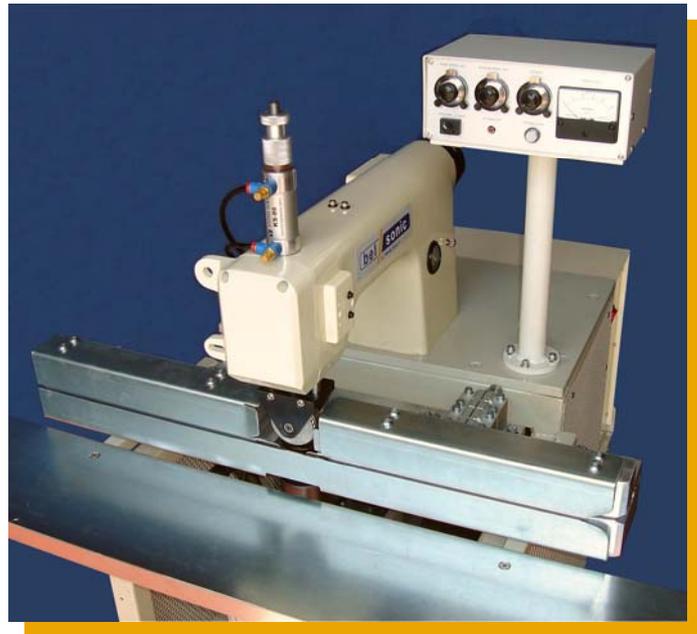
BelSonic SeamStar BS 2060 F

Continuous ultrasonic sewing machine for welding pleated filter elements in thermoplastic fabric or in cellulose with an adhesive film

The *BelSonic SeamStar BS 2060 F* has been specially designed to weld pleated filter elements in thermoplastic fabric or weld pleated filter elements in cellulose or non synthetic fabric with an adhesive film.

Ultrasonic welding with the *BelSonic SeamStar BS 2060 F* eliminates the use of liquid glue.

With a production speed faster than traditional gluing, the *BelSonic SeamStar BS 2060 F* is highly cost-effective and provides a secure payback.

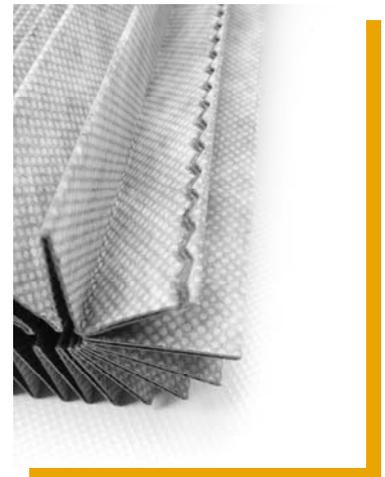


control panel easily accessible



Your advantages

- Quick and efficient : works faster than traditional gluing
- Specially designed guide: easily adaptable for different pleat depths from 12 mm up to 60 mm and for different material thicknesses
- Also available as a modular unit for integration in production lines
- Provides a complete barrier seam
- Continuous machine requiring only one pass through
- Cuts and seals simultaneously, thus eliminating fraying or unravelling of bonded edges and seams
- Requires minimal operator training

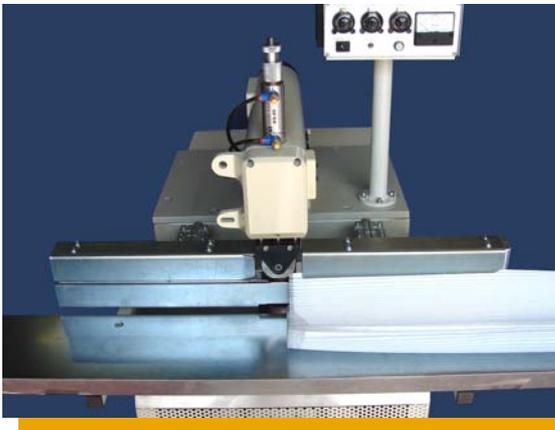
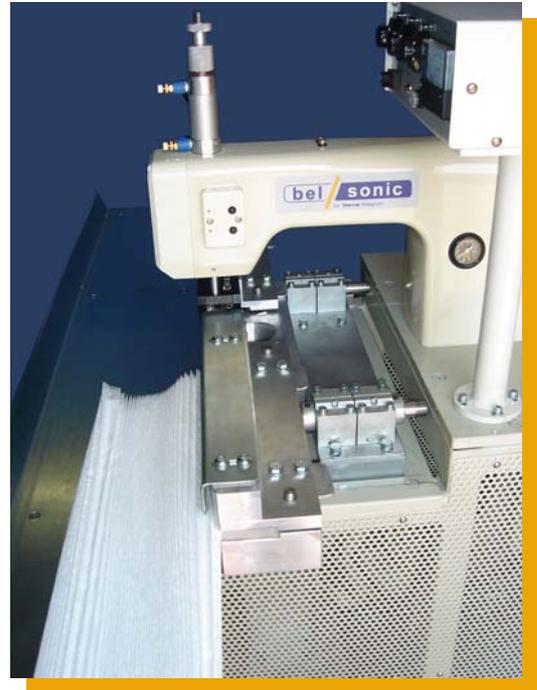


Ultrasonic Energy

Ultrasonic bonding is accomplished by channelling high-frequency vibrations to the fabric. As synthetic or nonwoven material passes between the ultrasonic horn or sonotrode and the pattern wheel or roller, the vibrations are directed into the fabric where they create a rapid heat build-up. This heat causes the material's synthetic fibres to melt and fuse, creating bonded seams that will not fray or unravel and provide a full barrier.

Technical Features

Frequency:	20 kHz
Size:	1800 mm wide x 1200 mm long x 1400 mm high
Weight:	165 kg
Tension:	220 V
Tuning:	automatic
Control panel:	on top of the table
Max. roller width:	25 mm
Air pressure:	6 bar maximum



easily adaptable guide

