

JEUX-7510-S

Flatbed Ultrasonic Welding Machine

JEUX



Advanced Operator Interface
Different Post and Bed Options
Custom Anvil Wheels
Layer Detection
Consistent Documentation

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Ultrasonic Bonding Machine

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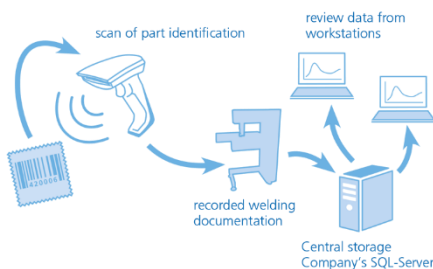
The 7510-S is the latest in ultrasonic welding technology. With versatile options and interchangeable anvil wheels this machine is able to meeting any of your production requirements.

MACHINE INTERFACE:

The 7510-S comes equipped with a touch screen interface and many specialized functions including: ability to create user profiles and control permissions; saving and loading of all material and configuration setups to external networks; automatic control of welding power and pressure guaranteeing constant seam quality.

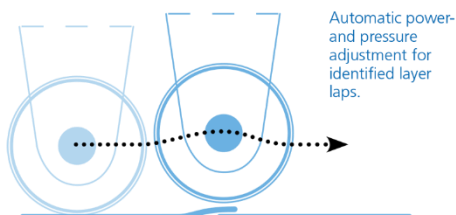
QUALITY ASSURANCE:

Total documentation of the welding process that can be viewed and exported to an external network database. You can assign product ID's for simple product identification and related data.



LAYER DETECTION:

The 7510-S is capable of identifying layer laps during the welding process and automatically adjust the power and pressure.



Sonic unit	
Ultrasonic frequency	35 kHz
Generator	Sonotronic 400-800 Watt Generator
Sonotrode	Titan roll seam sonotrode 104 mm diameter
Sonic converter	hybrid converter with spinning transformer

Contact pressure Unit	
Type	Anvil wheel lowering unit, electromagnetic
Contact pressure	up to 600 N standard or increasing by smaller steps

Actuation	
Velocity	1-15 m/min, higher speed optional
Number of actuations	differential transport; separate drive of sonotrode and anvil wheel

Welding Parameters	
Seam width	1 mm - 25 mm
Free arm / clearance	400 mm or 700mm
Anvil wheel	Ø 65 mm , width and embossing customized (alternative Ø 40 mm)
Puller for material	separate for left and right, mechanically adjustable (option: electronic device)

Supply	
Power supply	230 V, 50 Hz, 16 A (option:110 V, 60 Hz)
Air pressure	not affected , exception puller