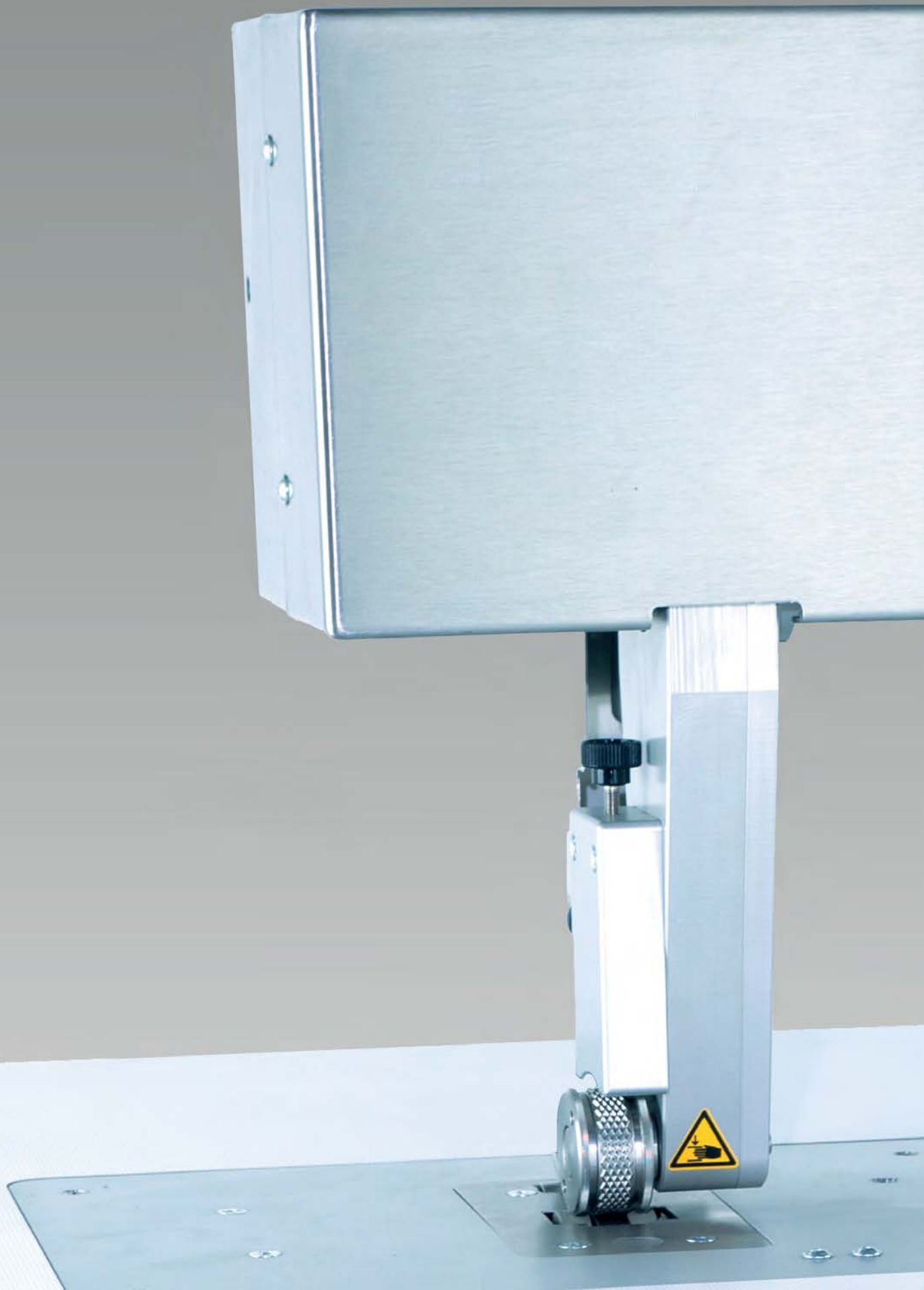


# 7510

Flatbed Ultrasonic Welding Machine

**JUKI**<sup>®</sup>



A modern ultrasonic welding-machine needs performance, flexibility and must be easy to operate.

The new generation uses high tech components to make precise working at highest level possible. Numerous features allow an individual machine configuration form **maximum productivity** and **reproductivity** in serial production.

The new generation sets a new standards in the world of welding products. This includes the **brand-new software package**, which facilitates operation for both beginners and experienced professionals.

The newly developed **ultrasonic-package** ensures absolutely precise and constant amplitude-values even at high speeds and sensitive materials.



## Accessories

### Border seaming

In some applications, it is necessary to combine a wide weld seam with a closely attached cutting seam. This is where edge trimmer comes into operation. It allows both processes in one step. The pressure force of the welding seam and the cutting seam can be set separately.

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The new systems enable maximum reproducibility through their electrical pressure control. All parameters can be saved per product ans seam.



### C/W-Package

In addition to continous welding, the machine offers the possibility of Cut & Seal. This very flexible technique allows simultaneous cutting and welding of most thermoplastic materials. Of course, a simple separation via ultrasonic with simultaneous edge sealing is also possible. Offers a wide and steadily increasing spectrum of accesories for this purpose.

Webshop - great selection, click and buy



### Cutting Wheels

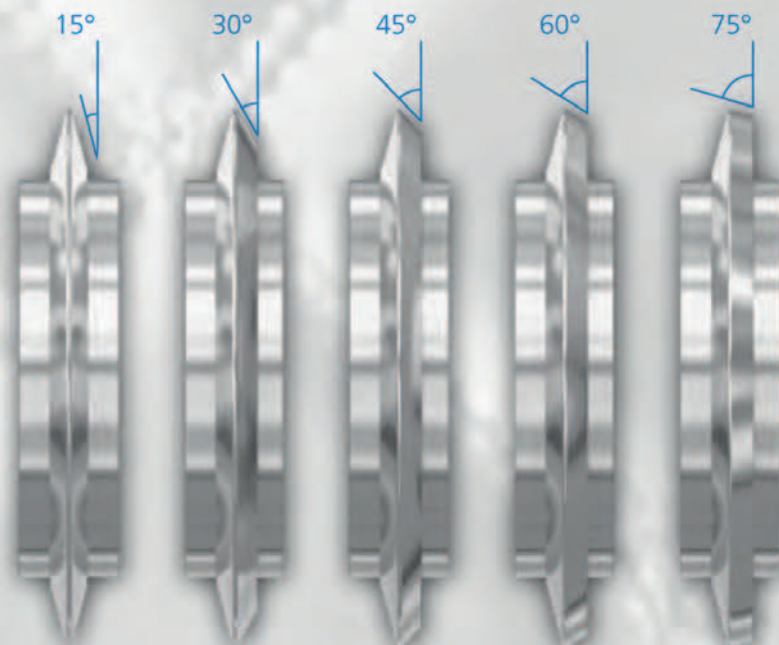
There are numerous standard cutting wheels available. All cutting wheels are made of an appropriate material with corresponding hardening.

The following wheel diameters are available 20 mm, 25 mm, 40mm, and 65mm.

### Anvil wheels

Provides lots of different anvil-wheels, which can be changed in the twinkling of an eye.

Basically every structure can be produced upon request of the customer (for example the embossing of a corporate symbol).





### Wheel database

A core component of the machine is the wheel database. Every available anvil- and cutting wheel is visualized and can be selected per product and seam.

Behind each wheel a multitude of parameters are stored. That way machine functions can be automatically activated if needed by this wheel.

The database can be updated online by cloud-services or via USB Flash Drive.

Model name	7510-T	7510-S
Ultrasonic Frequency	35 kHz	
Ultrasonic Generator	Digital generator DG1 400W	
Sonotrode	10mm width titanium Sonotrode	10mm width cutting Sonotrode
Contact Pressure	Digital pressing-device with 350N pressure (no compressed air)	
Velocity	max 12m/min (39 ft/min)	
Number of Actuations	2	
Seam width	max. 10mm (0.39 inch)	
User-interface	7" Multi-Touch-Display	
Power supply	230V, 50 Hz switchable to 110V, 60Hz	
Ari pressure	not required	

## A new trend demands new challenges

Modern materials such as technical textiles, nonwoven or synthetic materials demand for innovative joining techniques. Offers an advanced welding technique. Reliability and precision meet the quality standards of tomorrow.



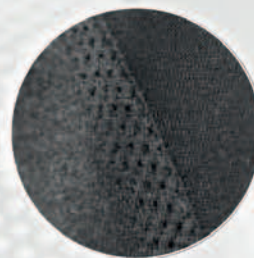
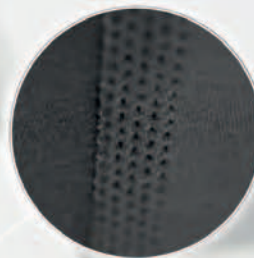
### Elastic Overlap Seams

Achieve highest omnidirectional elasticity by selective welding structure and avoid rough surfaces.



### Wear Comfort

No rubbing, no pinching. Extremely flat seams guarantee highest wear comfort and assure long life elasticity.





### Design diversity

A wide range in the seam optics by the use of individualized anvil wheel-structures.



### Seamless Welding

The ultra-thin CW-seam can be taped in an additional step to increase maximum durability. The seam is airtight and not noticeable for the skin.



### Airtight Overlap Seams

Safety cloth is welded by a 10mm overlap seam. Durability and tightness is achieved in one working step.



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