

Ultrasonic welding machine

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Electrical TOPON

Faster, safer, more accurate and economical. New, all-in-one technology.



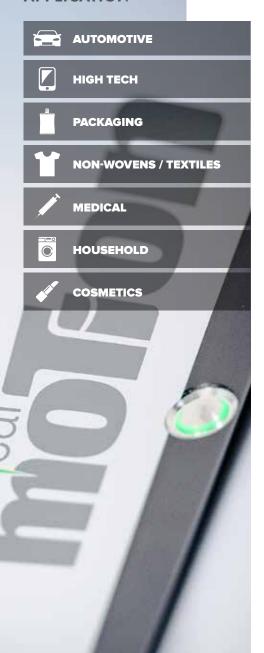


Technology that moves

AREAS OF APPLICATION

Electrical Motion by RINCO ULTRASONICS is perfect

for welding, cutting and punching termoplastics, non-wovens and textiles.



Q-DRIVE

The Electrical Motion is electrically driven, Without compressed air the machine operates more economical

ACTUATOR

The start position of the actuator can be freely selected; the actuator does not move back to the home position. The welding cycle is therefore shorter

BETTER WELDING AND CUTTING RESULTS

- By more precise positioning of the actuator
- By more precisely selectable parameters for welding force, speed, amplitude and therefore more precise measurement results
- For better repeatability and reliability

8 WELDING MODES

- 1. Energy mode
- 2. Time mode (1 ms)
- 3. Energy and time mode
- 4. Energy or time mode
- 5. Contact cut-off mode
- 6. Travel mode absolute (0.01 mm)
- 7. Travel mode differential
- 8. Melting rate

CALIBRATION OF FORCE SENSOR AND AMPLITUDE POSSIBLE

PERFORMACE LEVEL ■ **PLe**

SOFTWARE

 Operation system: Linux Ubuntu, therefore stable, fast, no shutdown needed

- Specifically developed application software
- Self-explanatory graphic user interface and easy to operate
- Welding results displayed graphically
- Welding results and parameter data can be exported
- · Multi-level user accounts

MELTING PROCESS

- Can be divided into 10 STEPS
- The welding cycle can therefore be controlled much more precisely for a much better welding result

AUDIT TRAIL FUNCTION

- To ensure quality and retraceability All events and changes to the parameters are stored in an audit trail protocol automatically
- Audit Trail can not be deleted

INTERFACES

- 3 USB ports
- 20 digital inputs
- 20 digital outputs, of which 3 are freely programmable
- 1 analog input
- 1 analog output
- 2 Ethernet ports
- 1 RS485 port
- 1 RS232 port

REMOTE ACCESS SERVICE

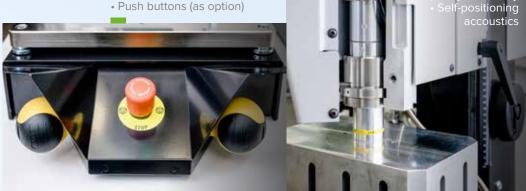
Can be set up for **remote maintenance**. For fast and efficient troubleshooting by our RINCO After Sales Service

TYPE APPROVED COMPONENTS



TWO-HAND RELEASE TO START WELDING PROCESS

- Ergonomic Safeballs (standard)
- Push buttons (as option)





CONTACT US FOR MORE INFORMATION

TOOL CHANGE

SYSTEM

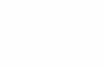
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and easily



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