*Ultrasonic welding machine*

# electrical moTion

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

NEW

**WELCOME TO A NEW WORLD OF WELDING.**

rinco® ultrasonics

*Technology* ***that moves***

## AREAS OF APPLICATION

- AUTOMOTIVE
- HIGH TECH
- PACKAGING
- NON-WOVENS / TEXTILES
- MEDICAL
- HOUSEHOLD
- COSMETICS

# Electrical Motion by RINCO ULTRASONICS is perfect

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

### e-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

# electrical motion

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**OPERATOR'S VISUAL INDICATION**
Status light changes from green to red if an errror occures

**1355 mm** (height)

**FORCE OF UP TO 3000 N**

**e-DRIVE ACTUATOR**

**ROBUST CONSTRUCTION**

**STROKE 100 mm**

**WORK LIGHT**

**TOUCH DISPLAY**

**RINCO OPERATION SYSTEM**

**SAFETY**
Emergency stop

**TWO-HAND START**
ergonomic Safeballs

**SERVO CONTROL UNIT SCU**

**ULTRASONIC GENERATOR**
2000 W or 3000 W

**EFFICIENT RINCO AFTER SALES SERVICE**

**3-YEAR*** **WARRANTY**

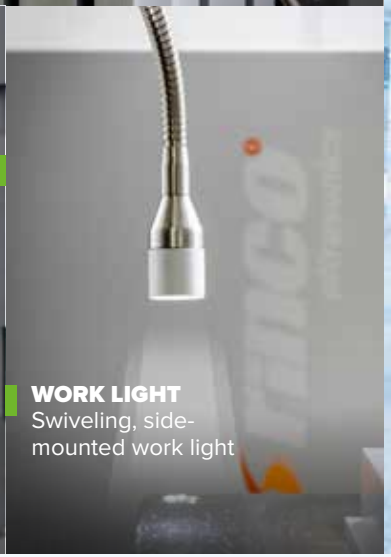
* in accordance with our terms and conditions

electrical motion

**TWO-HAND RELEASE TO START WELDING PROCESS**
- Ergonomic Safeballs (standard)
- Push buttons (as option)

**QUICK TOOL CHANGE SYSTEM**
- Change tools quickly and easily
- Self-positioning accoustics

**12" TOUCH LCD DISPLAY**
ergonomic, swivel-mounted



**WORK LIGHT**
Swiveling, side-mounted work light

arcangelegroupe.com SIRET 794 293 068 00027 © juin 2015 - crédit photos : Nicolas Hoquedis, Thinkstock

**CONTACT US FOR MORE INFORMATION**

rinco® ultrasonics

ISO 9001 BUREAU VERITAS Certification
ISO 13485 BUREAU VERITAS Certification
ISO 14001 BUREAU VERITAS Certification

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