

**Application**

- Automobile bumper riveting
- Single point screw inserting
- Single welding
- Packing strapping welding

Hand operated system generally used where access to the part is difficult, hard to reach or for large applications. Ideal for welding fabrics made of chemical synthetic fibers, thermoplastic sheets, ribbons and pp sheets etc. for precise, safety and perfect packing.

**Special Feature**

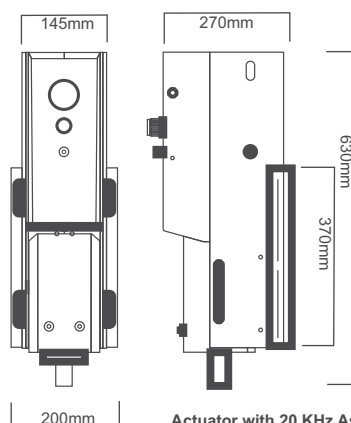
- \* One key start, simple operation and easy operate.
- \* Auto Tuned, Time mode and Power mode.
- \* Effectively balance the amplitude while frequency is locked based on the frequency and amplitude control using PID.
- \* Power outburst mode, save energy comparing to the traditional ultrasonic hand-held welding machine.
- \* Welding amplitude adjustable from 60% to 100% by 1% step.

**Model & Technical Specification**

Particular	AW3508H	AW3512H	AW2012H
Output/Frequency	800W, 35KHz	1200W, 35KHz	1200W, 20KHz
Weight (with Gun)	12Kg	12Kg	16Kg
Dimensions (mm)	L-365xW-183xH-160	L-365xW-183xH-160	L-365xW-183xH-160
Input Supply	220V, 50Hz	220V, 50Hz	220V, 50Hz

**ULTRASONIC ACTUATORS**

These actuators can be used in different-different application like: It can be used on some on-line machine which does not have enough space, It can be used in multi head SPM machine like PP corrugated box welding machine, continuous welding section on BOPP pouch making machine. Generator for these system can be kept at a sufficient distance.



Actuator with 20 KHz Assembly excluding Horn height

- Type A:** Can use for 1500W
- Type B:** Can use for 2500W and 2800W
- Stroke length 75mm or can be customize (25mm~100mm)