

STRONG 3000/ 4700 Ultrasonic Press



STRONG 3000



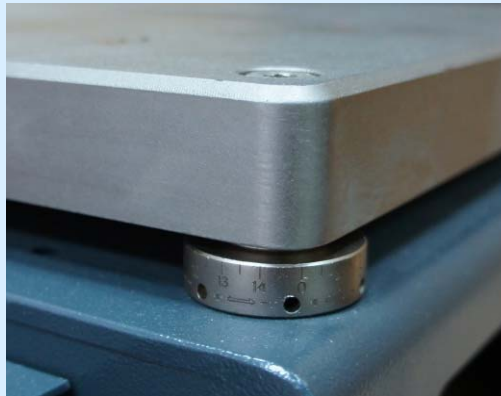
STRONG 4700

Features:

- **Stop oscillation at the preset position (Unified height of welded products)**
Ultrasonic oscillation can be stopped when the preset welding depth is reached. This can compensate the difference of injection and so as to raise the quality of welded products.
- **Greater downward force**
Ø80mm air cylinder is adopted. The downward force is greater than table type ultrasonic welder. Workpieces can be clamped more firmly
- **Adjustable speed for downward stroke**
Speed reducing valve is adopted to slow down the speed of downward stroke. Thinner or fragile workpieces can be gently pressed and clamped.
- **Easier retooling and adjusting**
The horizontal adjustment studs enable a precise alignment of the clamping table and fixture. Even the horn is replaced, no more adjustment is needed for horn and fixture.
- **Height adjustment of press is more precise**
With rectangular column and dove-tail rail, this series guarantee high-precision work. Height adjustment is through handwheel and the accuracy can be 1mm.



With steel clamping table with horizontal adjustment studs on 4 corners, fixture adjustment can be more easier and accurate. With T-slot and clamps, the fixture is firmly fastened on worktable.



There are scales on the horizontal adjustment studs, convenient for adjustment. Even the horn is replaced, re-adjustment is not needed.



With rectangle column and dove-tail rail, rigidity of whole mechanism is raised and deflection is reduced too. For round column and square column in similar section area, the deflection of round column is approximately 8 times than deflection of square column



Equipped with Roller Guide Rails which is more stable than ball-screwed or ball bearing guide rails. Deflection during downstroke is eased.



Start buttons are on the side of switch box with shield. Possibility of wrong operation is reduced. Emergency button is on front of press.

Specifications:

	STRONG 3000	STRONG 4700
Frequency	15kHz/ 20kHz	15kHz/ 20kHz
Drive	Ø80mm Double acting air cylinder	Ø100mm Double acting air cylinder
Max. press force	3000N	4700N
Height adjustment	Max. 200mm	Max. 200mm
Generator	STG 15-xxxx / 20-xxxx, STPG 15-xxxx / 20-xxxx	
Dimension	H201 x W411 x D606 mm	
Weight	125kg (generator excluded)	
Option parts	Sound enclosure, foot pedal, floor type workbench, column extension	