



HARDWARE	
Output interface	10" color touch screen
Operating system	iQS
Motion control system	Pneumatic
Frequency	15KHz
Power	4500W
Frequency regulation	IGBT auto tuning
Z- axis positioning accuracy(mm)	±0.02mm accuracy
Cylinder stroke(mm)	100mm±1mm
Maximum compression pressure(mpa)	1Mpa
Maximum welding time(S)	≤6S
Cooling system	Vortex cooler
Generator alarm	Frequency failure/overload current/power overload
Relative humidity	30% - 95%, no condensate
Operating temperature	+5°C - +55°C
Air Source	Compressed air must be clean, dry and free of lubricants
Voltage source(V)	AC 220V±5% 50/60Hz
Measurement(L*W*H)mm	750*1000*1920mm
Weight(kg)	300KG

PRODUCT PARAMETERS

Controller	
Language	Chinese/English
Triggering mode	Time/position
Welding mode	Time/Energy/Absolute position
Power range	≤4500W
Amplitude control	Single stage amplitude

Quality control	Time/Energy/power/absolute position
Operating air method	Standard
Air pressure range(mpa)	0.05mpa≤0.65mpa
Holding method	Static pressure holding
Parameter management	99 sets
Accessory expansion (optional)	Sound-proof shield function/automatic film reeling function/light curtain protection function

CONVERTOR	
Warranty	1 year
Brand	DONGHO
Conversion rate	90% < real rate < 100%
BOOSTER	
Booster ratio	Titanium 1:4.0

SONOTRODE	
Frequency precision	14.80~15.20KHz
Welding area	Depends on material/shape, usually within 250mm
Product size	Depends on material/shape, usually within 250mm

DATA COLLECTION METHOD	
Data display	Welding data area
Product Identification	Bar code/QR code
Scan gun brands it supports(USB port)	Honewell/Code Reader/Datalogic/Infoscanner
Machine memory space	1500 times/cycle
Memory data transfer	USB download and reading

(We preserve the right to update the above specifications in case of any improvement of the products, we will not otherwise inform due to above change.)