



DSONIK
Your Technology Partner



ULTRASONICS PLASTIC WELDING MACHINE

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About us

Welcome to DSONIK, where innovation meets precision in ultrasonic plastic welding. With a legacy of excellence spanning 20 years, we're a leading provider of cutting-edge welding solutions for a diverse range of industries worldwide.

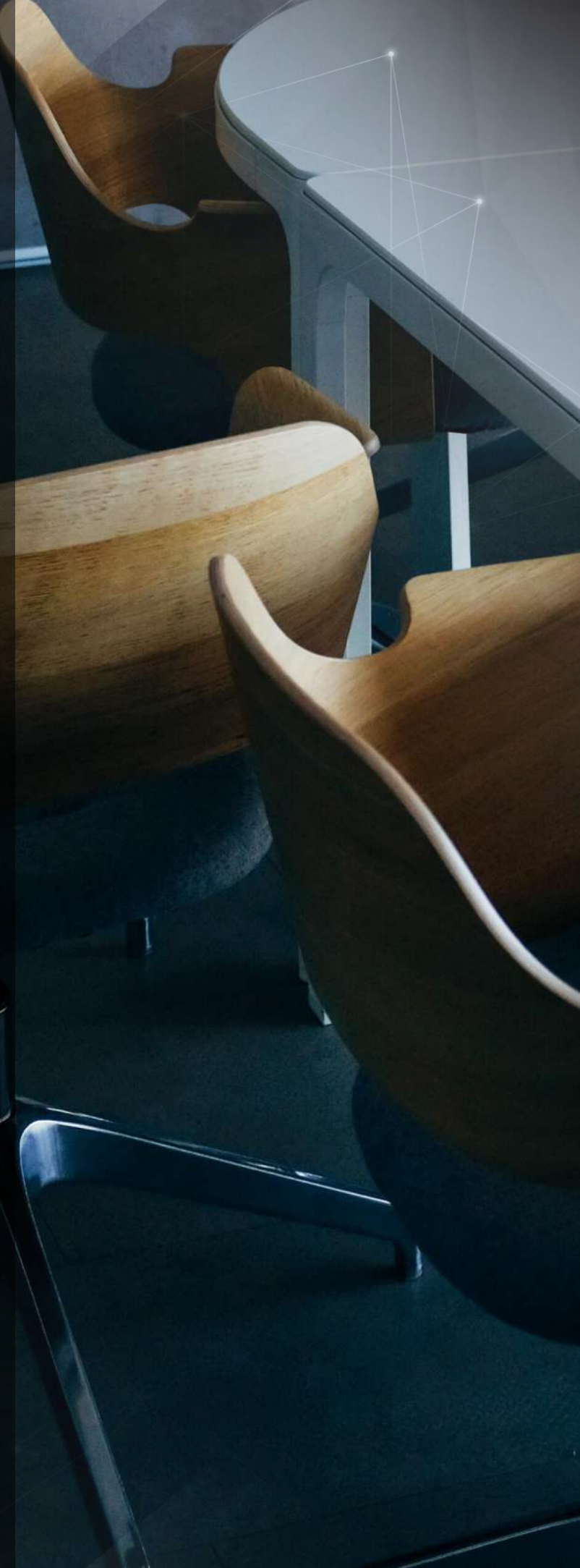
At DSONIK, we're passionate about pushing the boundaries of possibility in ultrasonic welding technology. Our team of engineers and experts is dedicated to delivering unparalleled quality, reliability, and efficiency in every solution we offer.

What sets us apart is our commitment to innovation. We leverage the latest advancements in ultrasonic welding to develop custom solutions tailored to our clients' unique needs. Whether you're in automotive, medical, packaging, or any other industry, we have the expertise and resources to exceed your expectations.

Beyond just providing equipment, we're your trusted partner throughout the entire process. From initial consultation to installation and ongoing support, we're here to ensure your success every step of the way.

Discover the difference with DSONIK. Experience the power of precision welding technology that's setting new standards in the industry. Join countless satisfied clients who have chosen us for their ultrasonic plastic welding needs.

Contact us today and let's explore how we can elevate your manufacturing processes together.



L3000 ES Model



FEATURES:

- Integrate multiple welding control technologies
- Data management: built in storage or transmission of welding data, intelligent data tracking
- Touch screen operation
- Multi language switching
- Real time frequency tracking
- Welding data storage import and export



L3000 Standard/ Digital model



FEATURES:

- Trigger mode: time trigger
- IoT function: RS232/485 data docking, printer output
- Automatic frequency tracking function, with a frequency tracking range of +- 500Hz
- Press control: welding pressure control, cooling pressure control
- 2 operating modes of analog type: manual mode, time mode
- Data management: built in storage or transmission of welding data, intelligent data tracking
- Start mode: pulse start mode, automated assembly line mode, European safety mode
- 5 operating mode of digital type: manual mode, time mode, energy mode, non-standard mode and continuous vibration mode

Model		L3000 Standard				
Frequency / Power		20 KHz , 2000W, 2600W, 3200W			15 KHz , 2600W, 3200W	
Welding Capability		Dia 170mm	Dia 220mm	Dia 300mm	Dia220mm	Dia300mm
Size /Weight	Press	680x400x1567 / 104 Kg				
	Generator (Digital Type)	422x98x220 / 6.5 kg				

L3000 SERVO II



FEATURES:

- Intelligent amplitude grading
- Support for split screen maintenance
- IOT remote operation and maintenance
- Detection of bottom mold welding parts
- Oversize human machine interface
- Precision multi stage travel control
- Precision multi stage speed control
- Precision multi stage pressure control
- Precise interfacing to MES systems
- Detailed operating status monitoring
- Welding data storage import and export



L3000 SERVO I



FEATURES:

- Intelligent amplitude grading
- Detection of bottom mold welding parts
- Oversize human machine interface
- Precision multi stage travel control
- Precision multi stage speed control
- Precision multi stage pressure control
- Detailed operating status monitoring
- Welding data storage import and export



Model		LS3000 Servo II			
Frequency / Power		20 KHz , 2000W , 3000W		15 KHz , 3000W , 4000W	
Welding Capability		Dia 170mm	Dia 260mm	Dia260mm	Dia330mm
Size /Weight	Press	680x400x1656 / 162.5 Kg			
	Generator (Digital Type)	436x124x270 / 8 kg			

L3000 SERVO ES MODEL DIGITAL TYPE



FEATURES:

- Integrate multiple welding control technologies
- Servo stroke control system, precision 10um
- Fault self-detection function, which can inspect various switch functions of the body
- Data management: built in storage or transmission of welding data, intelligent data tracking
- Precision travel control
- Detection of bottom mold welding parts
- Oversize human machine interface
- Precision multi stage speed control
- Welding data storage import and export
- Detailed operating status monitoring

LINGKE SERVO MN MODEL



FEATURES:

- Integrate multiple welding control technologies
- Servo stroke control system, precision 10um
- Fault self-detection function, which can inspect various switch functions of the body
- Data management: built in storage or transmission of welding data, intelligent data tracking
- Precision travel control
- Detection of bottom mold welding parts
- Oversize human machine interface
- Precision multi stage speed control
- Welding data storage import and export
- Detailed operating status monitoring

Model		L745 Servo MN	L 3000 Servo MN	
Frequency / Power		35 KHz , 28 KHz , 1200W	20 KHz , 2000W , 2600W , 3200W	15 KHz , 2600W , 3200W
Welding Capability		Dia 40mm , Dia 45mm	Dia 170mm, Dia 180mm, Dia 180mm	Dia 180mm , Dia 180mm
Size	Press	700x400x1106		
Weight	Digital Type	134kg	135.5 kg	
	Analog Type	143.5kg	144kg	

L4000 Standard model digital type



FEATURES:

- Trigger mode: time trigger.
- Heavy-duty castors with a 0.5 tonne load capacity for safety and durability.
- High power output: suitable for difficult, large surface area welding.
- 2 operating modes of analog type: manual mode, time mode.
- 3 operating modes of digital type: manual mode, time mode, energy mode.
- Digital ultrasonic generator with system protection detection and auto-tuning control module stable power output, no need to re-tune the frequency when changing moulds, high safety and intelligence of the box and the whole equipment

Model		L4000
Frequency / Power		15 KHz , 4200W
Welding Capability		Dia 350mm
Size /Weight	Press	800x750x2197 / 267 Kg
	Generator (Digital Type)	425x325x118 / 12 kg

FEATURES:

- Optional air cooling device
- The generator has an external control port, which can be connected to the automation device
- 20kHz/28kHz/30kHz/35kHz/40kHz for optional
- 4.3-inch full-color HD touch screen, data visualization, easy operation and adjustment, data intelligent export
- Low energy consumption, high efficiency, no distortion
- Welding horns and ultrasonic cutting tools for welding, riveting, spot welding, and inserting can be replaced according to different production process requirements

LO4000 Hand-held welding machine LHW35-3 LHW28-3



Model	LHW35-3	LHW28-3
Frequency / Power	35Kz / 1200w	20Khz / 1500w
Welding Capability	Dia30mm	Dia30mm
Size /Weight	59x180x195 / 5.5kg	68x175x182 / 6kg

Ultrasonic Horn for Auto Parts Automation



L(O)3000 Standard
L(O)3000 Standard Module Unit



S(O)2000 Easy
S(O)2000 Easy Module Unit



L3000 Servo II / I
Module Unit



Auto Tuning Type
Module Unit

20kHz
2000W



SCB2020

15kHz
2600W



SCB1526

15kHz
4200W



SCB1542



LIST OF CUSTOMERS

UM Autocomp Pvt. Ltd.

Sunshine Security Seal Pvt. Ltd.

Hilux Autoelectric Pvt Ltd.

Praque Industries Pvt. Ltd.

SPM Medicare Pvt Ltd.

JQH Electronics India LLP

Glorious Electronics Pvt Ltd

Super Nova Autolite Pvt Ltd

Nohatech Electronics Pvt Ltd.

Ranee Polymers Pvt. Ltd.

RG Toys

NK Udyog

R K Enterprises

Shah Sanitation

MPH Group

Lumax Automotive Manesar

S G Industries

Shanti Plastic Bawana

Trinity Touch

Hive Electronic LLP



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