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T e c h n o

Your Plastic Needs To Be Welded



APPLICATION OF ULTRASONIC WELDING MACHINE

1. Houseware Appliances:

Scrubber, Foam Pad, Refrigerator, Vacuum Cleaner, Electronic Toothbrush, Hot Plates, Spice Rack, Steel Spoon Plastic Cover, Vegetable Cutter.

2. Computer Electricals:

Charger, Battery, Switches, Connectors, Handsfree.

3. Novelties:

Toys, Sports Accessories, Stationery Items

4. Medical:

Disposables, Containers, Masks, Injections, Asthma Inhaler.

5. Packaging:

Ziplock Bag, Handlebag, Toothpick Box, Pvc Box, Transparent Box, P P Corrugated Box.

6. Miscellaneous:

Automobile, Impeller, Lanyard (I D Cards), Seatbelt, Non-woven, Velcro, Electrical Adapter, Water Battle, Road Reflector, Outer Body of Electric Transformer, Outer Ring of Fan, Tarpaulin



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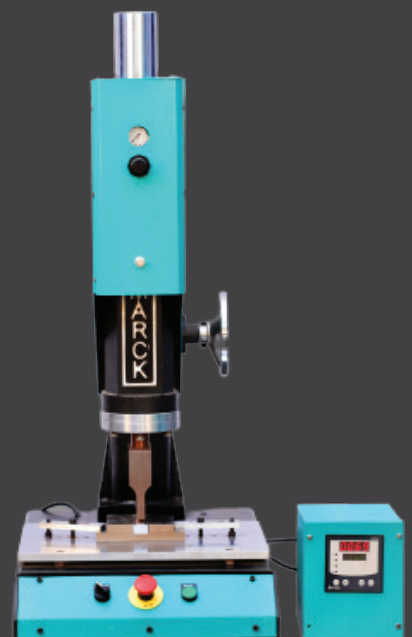
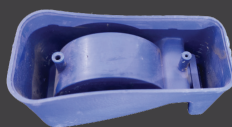
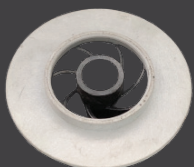
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MT 01 : ULTRASONIC WELDING MACHINE

MODEL NO.	MT 01 (20/1500)	MT 01 (18/1500)	MT 01 (20/2000)	MT 01 (15/2600)	MT 01 (15/3200)
OUTPUT FREQUENCY	20KHZ 1500W	18KHZ 1500W	20KHZ 2000W	15KHZ 2600W	15KHZ 3200W
INPUT POWER	220V, 1P	220V, 1P	220V, 1P	220V, 1P	220V, 1P
WEIGHT	90 KG	90 KG	95 KG	100 KG	100 KG
DIMENSIONS (MM)	460*700*1100 (L*B*H)	460*700*1100 (L*B*H)	460*700*1100 (L*B*H)	460*700*1100 (L*B*H)	460*700*1100 (L*B*H)
WELDING TIME	0 – 9.99 SEC	0 – 9.99 SEC	0 – 4.99 SEC	0 – 4.99 SEC	0 – 4.99 SEC
MAXIMUM STROKE	80MM	80MM	80MM	80MM (VARIABLE)	80MM (VARIABLE)
WELDING AREA	UPTO 90MM DIAMETER	UPTO 100MM DIAMETER	UPTO 105MM DIAMETER	UPTO 120MM DIAMETER	UPTO 150MM DIAMETER
PRODUCTION SPEED	08-15 PCS/MINUTE	08-15 PCS/MINUTE	10-20 PCS/MINUTE	10-20 PCS/MINUTE	15-20 PCS/MINUTE
CLAMPING HEIGHT	50-350MM	50-350MM	50-350MM	50-350MM	50-350MM
COMPRESSOR REQUIRED	2HP	2HP	2HP	2HP	2HP

FEATURES:

- PLC Control of welding and holding
- Imported transducer (powerful & stable)
- Automatic overload protection device again inaccurate operation in high frequency
- Adjustable structure of 4 bolt balance (convenient adjusting bolt)
- 15 kHz / 4200 w is also available



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MT 02 : TABLETOP ULTRASONIC WELDING MACHINE

MODEL NO	MT 02 (20/1500)	MT 02 (15/2600)
OUTPUT FREQUENCY	20KHZ 1500W	15KHZ 2600W
INPUT POWER	220V, 1P	220V, 1P
WEIGHT	140 KG	150 KG
DIMENSIONS (MM)	650*650*1700 (L*W*H)	650*650*1700 (L*W*H)
WELDING TIME	0-9.99 SEC	0-4.99 SEC
MAXIMUM STROKE	80MM	80MM
WELDING AREA	UPTO 90MM	UPTO 150MM
PRODUCTION SPEED	10-15 PCS/MINUTE	15-20 PCS/MINUTE
CLAMPING HEIGHT	50-350 MM	50-350 MM
COMPRESSOR REQUIRED	2HP	3HP

FEATURES:

- Plc panel with weld & hold time
- It saves production cost
- Good quality & less maintenance
- Easy to work on tabletop model



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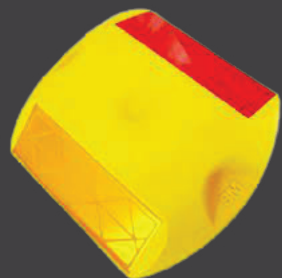
MT 03 : ROTARY TYPE ULTRASONIC WELDING MACHINE

MODEL NO	MT 03 (20/1500)	MT 03 (15/2600)
OUTPUT FREQUENCY	20KHZ 1500W	15KHZ 2600W
WEIGHT	190 KG	190 KG
DIMENSIONS (MM)	650*650*1700 (L*W*H)	650*650*1700 (L*W*H)
WELDING TIME	0-9.99 SEC	0-4.99 SEC
MAXIMUM STROKE	80MM	80MM (VARIABLE)
WELDING AREA	UPTO 90MM	UPTO 150MM
PRODUCTION SPEED	12-20 PCS/MINUTE	15-25 PCS/MINUTE
CLAMPING HEIGHT	50-350 MM	50-350 MM
COMPRESSOR REQUIRED	2HP	3HP



FEATURES:

- Fast production with less manpower
- Can be operated at variable speed
- Choice of station, 4,6 & 8
- Fast welding process with high quality bond



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MT 04 : RECIPROCATING TYPE ULTRASONIC WELDING MACHINE

MODEL NO	MT 04 (20/1500)
OUTPUT FREQUENCY	20KHZ 1500W
INPUT POWER	220V, 1P
WEIGHT	150 KG
DIMENSIONS (MM)	940*650*1640 (L*W*H)
WELDING TIME	0-9.99 SEC
MAXIMUM STROKE	80MM
WELDING AREA	UPTO 90MM
PRODUCTION SPEED	10-20 PCS/MINUTE
CLAMPING HEIGHT	50-350 MM
COMPRESSOR REQUIRED	2HP

FEATURES:

- Welding can be easy, automated and fast
- Saves production costs
- Easy operating with less manpower
- Low friction slide mechanism



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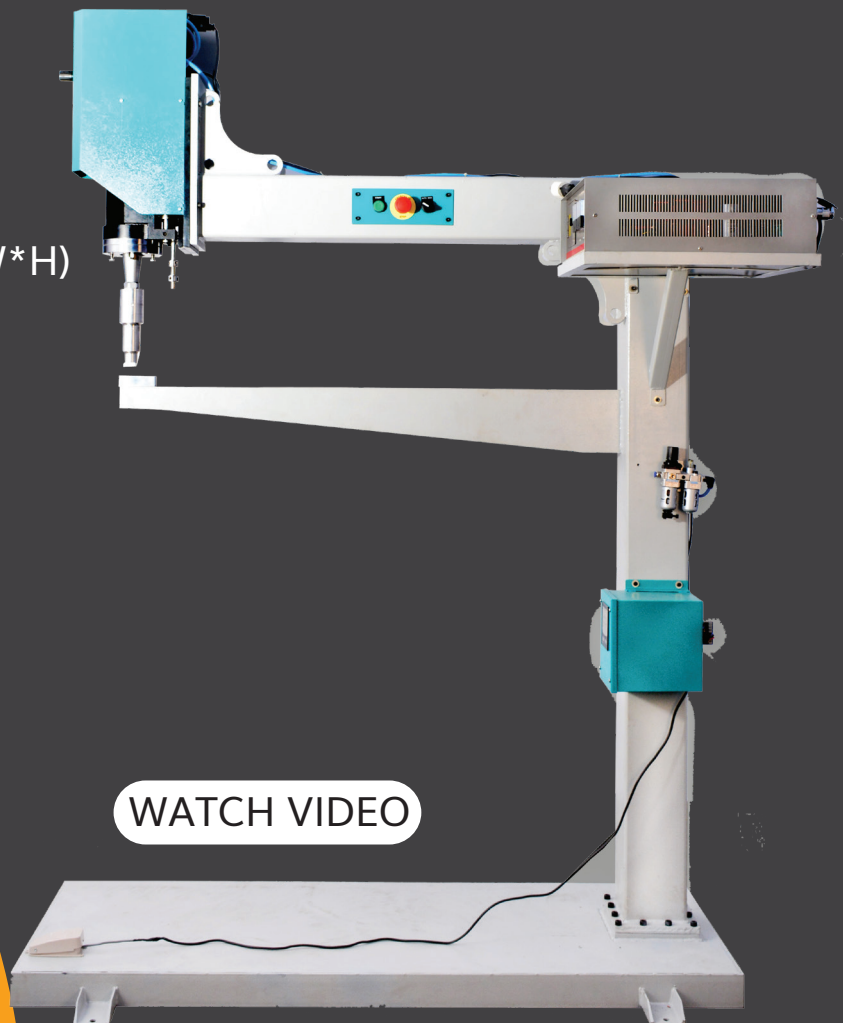
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MT 05 : P P CORRUGATED BOX WELDING MACHINE

MODEL NO	MT 05 (20/1500)	MT 05 (15/2600)
OUTPUT FREQUENCY	20KHZ 1500W	15KHZ 2600W
WEIGHT	250 KG	250 KG
DIMENSIONS (MM)	650*1600*2000 (L*W*H)	650*1600*2000 (L*W*H)
WELDING TIME	0-9.99 SEC	0-4.99 SEC
MAXIMUM STROKE	80MM	80MM
WELDING AREA	20*20 MM	30*30 MM
PRODUCTION SPEED	8-12 SHOT/MINUTE	10-15 SHOT/MINUTE
COMPRESSOR REQUIRED	2HP	3HP

FEATURES:

- WELDING UPTO 1300MM (L*W*H)
- UPTO 3000 GSM WELDING



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MT 06 : HOT PLATE WELDING MACHINE

MODEL NO	MT 06
INPUT POWER	220V, 1P
WEIGHT	250 KG
DIMENSIONS (MM)	1219*762*914
PRODUCTION SPEED	2-4 PCS/MINUTE

FEATURES:

- It suitable for complex thermoplastic joints



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MT 07 : ULTRASONIC GENERATOR

MODEL NO.	MT 07 (20/1500)	MT 07 (20/2000)	MT 07 (18/2000)	MT 07 (15/2600)	MT 07 (15/3200)
RANGE	20KHZ 1500W	20KHZ 2000W	18KHZ 2000W	15KHZ 2600W	15KHZ 3200W
POWER	1500W	2000W	2000W	2600W	3200W



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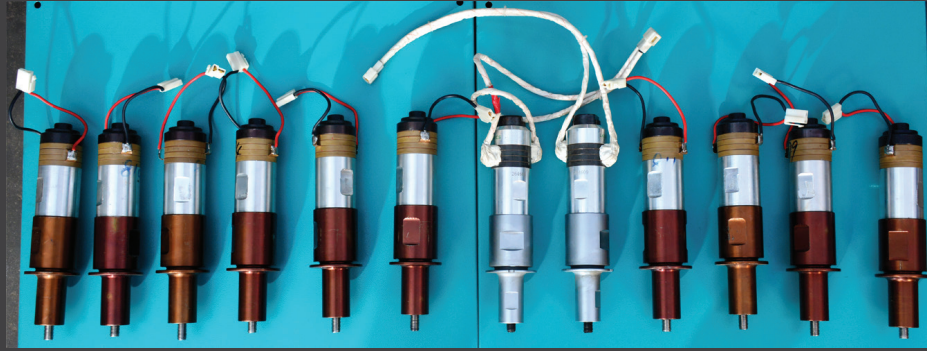


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ULTRASONIC CONVERTER BOOSTER



- Available in 3 different qualities.
 1. Titanium
 2. High strength ms
 3. Aluminum
- 15 kHz, 18 kHz & 20 kHz
- Smooth vibration and long life

ULTRASONIC HORNS & FIXTURES

- Ultrasonic tools horns & fixtures made by marck techno with the finest technology at the very best price.
- Marck techno has tooling facilities like VMC milling & CNC tooling for a variety of horns & fixtures with premium quality.
- We provide titanium, high strength ms & aluminum horns & fixtures as per requirements.



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