



LLC «PUTECH» - the official distributor in
Ukraine the Swiss firm **Telsonic Ultrasonics**

TELSONIC
ULTRASONICS

Ultrasonics

PUTECH, LLC

01103, post box 78 Kyiv, Ukraine

Phone **+38 044 592 76 15**

Fax **+38 044 592 76 14**

e-mail: put@ultrasonic.com.ua
www.ultrasonic.com.ua

Welding . Staking . Swaging
Deforming . Embedding

**Ultrasonic
Joining Technology**



PLASTIC



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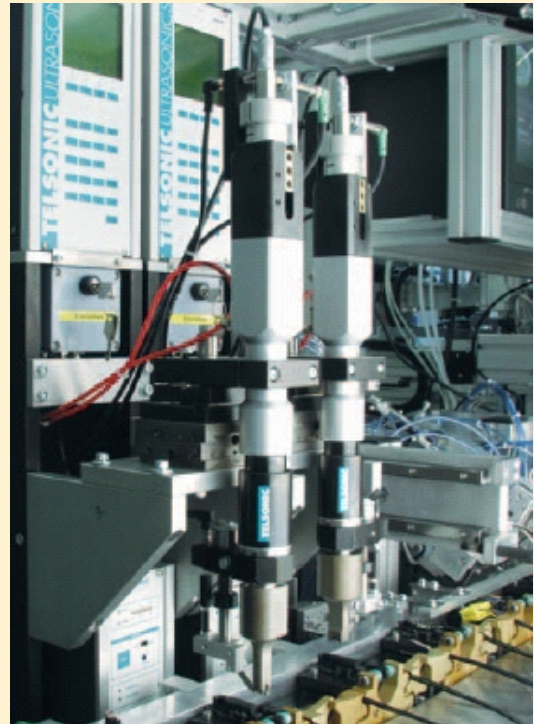
www.ultrasonic.com.ua

Telsonic «Swiss Precision», from standard bench top welding presses and generators with full microprocessor control through to individual actuators and sophisticated special machines – meeting your exact specifications and the requirements of your production.

*Welding presses
delivering max. 10,000W output power
and forces of up to 12.000N*



*Independent variable spring force converters
incorporating welding depth stops
Controlled by proximity sensors*

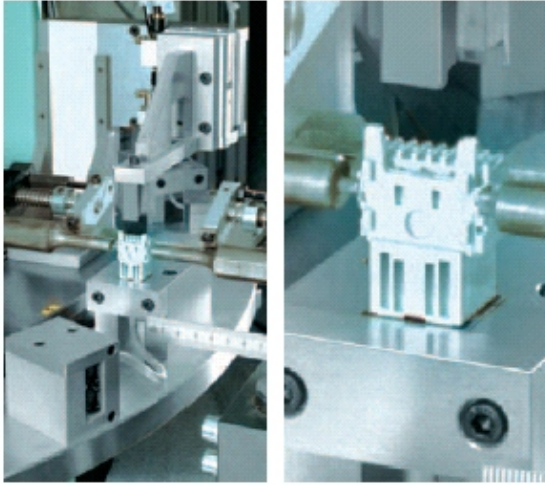


*Compact Z1 actuators in
linear assembly line*

POWER PRECISION EXPERIENCE



LLC «PUTECH» - the official distributor in
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*Rotary table with
integrated precision actuators*

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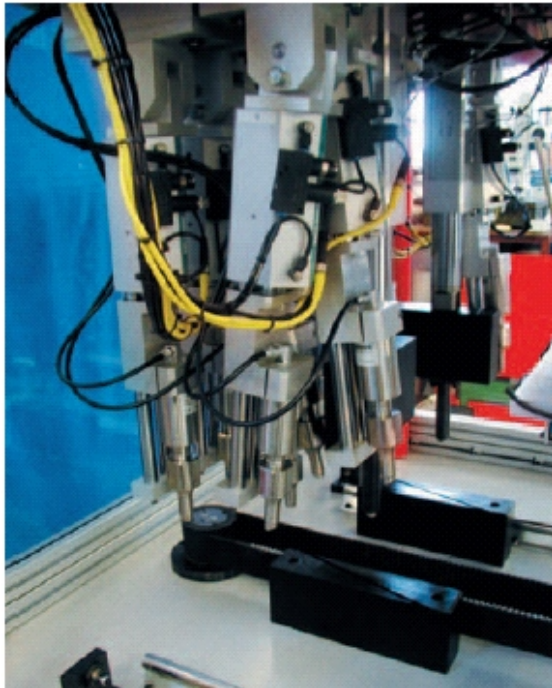
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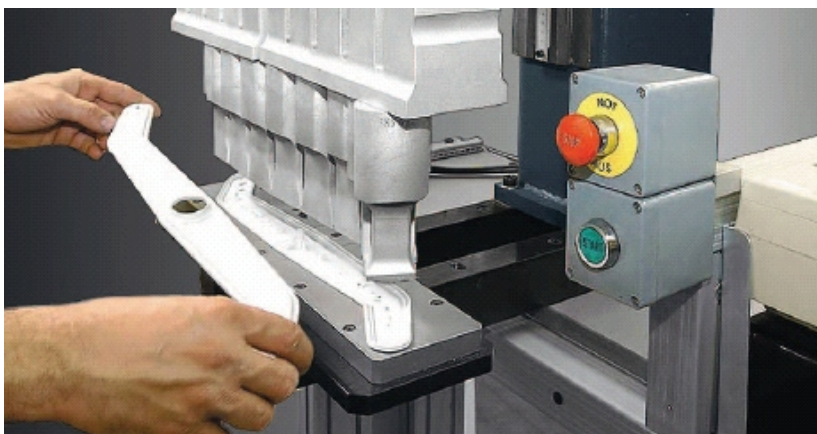
*Electronic plug device
with miniature spotwelds
Special purpose machine
for welding of air nozzle
mounting hooks around periphery.*



*Multi-headed welding system for the welding of
acoustic material to polypropylene moulding.*



*Special purpose machine for welding of air nozzle
mounting hooks around periphery.*



*Welding of dishwasher spray arm utilising
twin mother/daughter sonotrode.*

POWER PRECISION EXPERIENCE



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*Process and quality control, bus
compatible communications technology*

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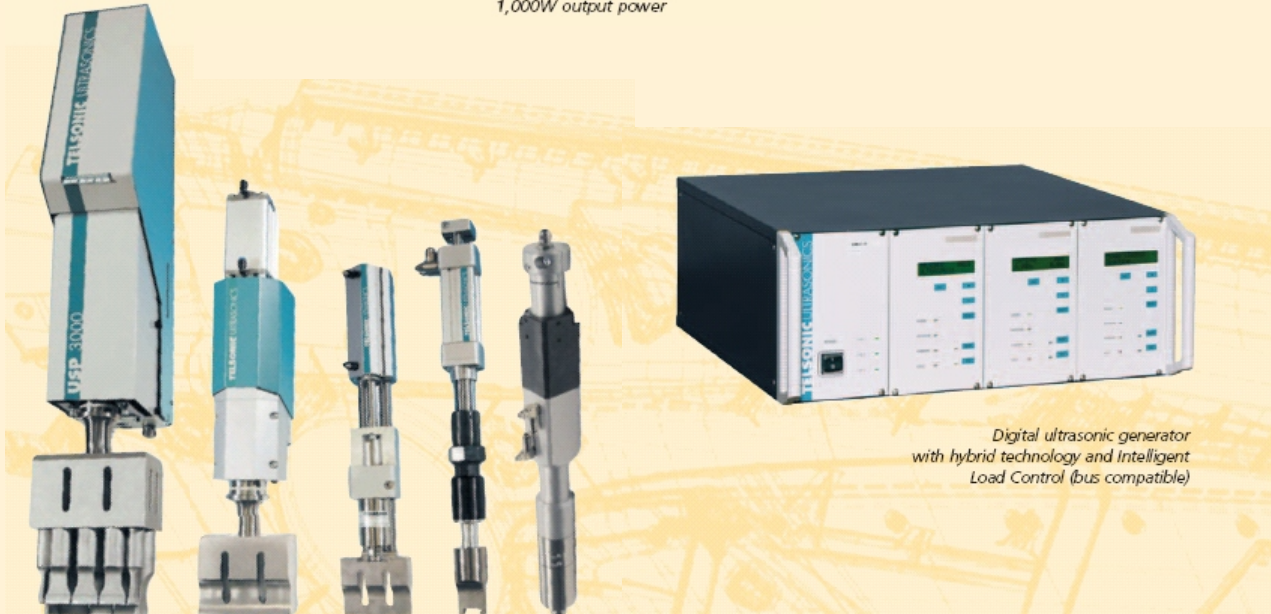
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*Hand-held ultrasonic welder with
1,000W output power*

The technical expertise of our
employees, paired with the
knowledge of market
requirements and expectations,
results in the ongoing development
of existing and new products –for



*Various ultrasonic actuators
with up to 3,000N force*

*Digital ultrasonic generator
with hybrid technology and Intelligent
Load Control (bus compatible)*

POWER PRECISION EXPERIENCE

PLASTIC



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*Ultrasonically sealed plastics coated
cardboard containers*



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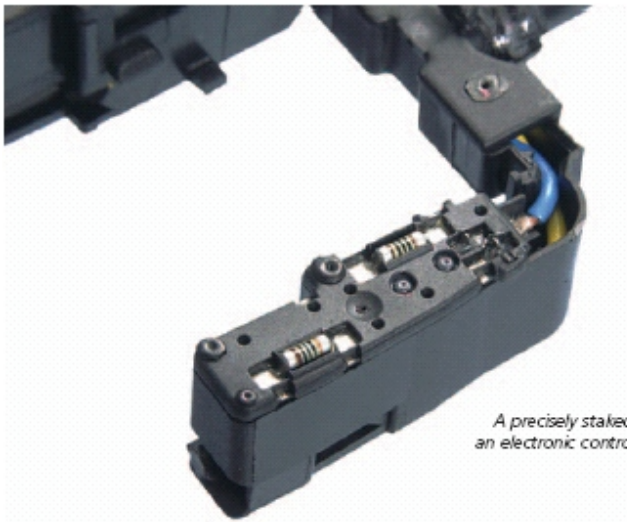
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Decades of experience in ultrasonic technology plus thousands of solved applications in almost all areas of the plastics processing industry stand for our ability to understand and solve even the most challenging welding applications. Let us prove it!



*A precisely stacked assembly of
an electronic control component*



Welded vacuum cleaner bag.



Welded Air Vent



The pictures show typical applications from the automotive, packaging, nonwovens and electrical/electronic industries. Combining the most advanced ultrasonic technology with precise mechanics and creative sonotrode design, we develop highly economic solutions for our customers in all industrial segments.

POWER PRECISION EXPERIENCE



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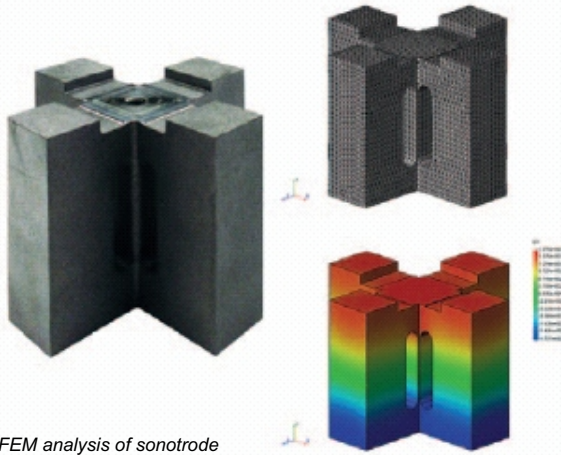
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FEM analysis of sonotrode

TELSONIC's product portfolio comprises a wide range of technologies and equipment for the following applications:

- Ultrasonic Welding
- Cut'n'Seal
- Laser Welding
- Vibration Welding
- Hotplate Welding
- Hot air Welding
- Metal Welding
- Cleaning
- Sieving
- Sonochemistry
- Further information is
- available from our
- subsidiaries listed below,
- or at www.telsonic.com



High level technology



Interested?

Please contact us for further information:

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