Leaders in the field of ultrasonic plastics welding equipment and technology since 1969, Sonics & Materials offers its new line of **GX-Series** ultrasonic power supplies, combined with the super-rigid Model 3050 press, to create a powerful new 30 kHz system designed to handle even the most demanding applications.

The new GX-Series provides microprocessor control and consistent reliability for every application, and delivers more output power to the Model 3050 press, easily handling significantly larger part size and force requirements. Power supplies feature smart-logic, user-friendly navigation and are available in three different welding mode configurations for maximum versatility and flexibility.

**Power Supply**
- **Dimensions:** 15.25" W x 6.50" H x 18.75" D (387.3 x 165.1 x 476.25 mm)
- **Weight:** 21 lbs. (9.5 kg)
model 3050 features

- Single Piece Rigid Cast Aluminum Machine Base and Column Hub
- Increased Steel Column Diameter and Wall Thickness
- Single Rail Linear Slide
- Direct In-Line Air Cylinder
- Extended Center Base to Column Throat Depth Distance
- Additional 12" Center-to-Center Lower Fixture Mount Holes
- Front Panel Pneumatic Speed and Pressure Controls
- Linear Encoder for Distance Welding (optional)

specifications, additional features, and options

Dual Cycle Start Buttons: Standard
Non-Contact Cycle Start Buttons: Optional
Front Emergency Stop: Standard
Head Adjust Counter
  Balance Spring: Standard
  Adjustable Positive Stop: Standard
Automation Limit Switches: Optional
360° Snap-In Stack Assembly: Standard
Rigid Mount Booster: Optional
Stand Alone Column Hub: Optional
Extended Length Column: Optional
3.75" (95.3) Column Diameter: Standard
4" (101.6) Stroke Air Cylinder: Standard
6" (152.4) Stroke Air Cylinder: Optional
Air Cylinder Bore Diameter: 2.5" (63.5)
Clamping Force at 90 PSIG: 441 lbs. (1961n)
Input Voltage: 220 VAC
Weight: 180.5 lbs. / 81.9 kg

Registered by UL to ISO 9001
Leaders in the field of ultrasonic plastics welding equipment and technology since 1969, Sonics & Materials offers its new stepper-motor driven e-Press Touch, combined with a unique touch-control power supply with built-in stepper controller. The new system produces repeatable, precision welds to a weld depth tolerance of +/-0.0003 in. (0.008 mm).

The advanced power supply provides superior microprocessor control and consistent reliability, along with an array of convenient networking and plotting features. Power supplies feature smart-logic, user-friendly navigation with touch controls plus enhanced features such as frequency display and digital amplitude control.

**Power Supply with built-in Stepper Controller**

Dimensions: 10” W x 9.5” H x 24.75” D (254 x 241.31 x 628.65 mm)
**e-Press features**

- Single Piece Rigid Cast Aluminum Machine Base and Column Hub
- In-line Load Cell for Precise Force Trigger
- Linear Ball Screw Actuator
- Single Rail Linear Slide
- Rigid Mount Booster Technology

**specifications, additional features, and options**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Cycle Start Buttons</td>
<td>Standard</td>
</tr>
<tr>
<td>Non-Contact Cycle Start Buttons</td>
<td>Optional</td>
</tr>
<tr>
<td>Front Emergency Stop</td>
<td>Standard</td>
</tr>
<tr>
<td>Head Adjust Counter</td>
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<tr>
<td>Balance Spring</td>
<td>Standard</td>
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<tr>
<td>Automation Limit Switches</td>
<td>Optional</td>
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<tr>
<td>360° Snap-In Stack Assembly</td>
<td>Standard</td>
</tr>
<tr>
<td>Rigid Mount Booster</td>
<td>Standard</td>
</tr>
<tr>
<td>Stand Alone Column Hub</td>
<td>Optional</td>
</tr>
<tr>
<td>Extended Length Column</td>
<td>Optional</td>
</tr>
<tr>
<td>3.75” (95.3) Column Diameter</td>
<td>Standard</td>
</tr>
<tr>
<td>3.5” (89 mm) Max Stroke</td>
<td>Standard</td>
</tr>
<tr>
<td>Weight</td>
<td>210 lbs. / 95 kg</td>
</tr>
</tbody>
</table>

**power requirements**

**Power Supply:**

- 1200 watt
- 2200 and 2500 watts

**EP controller**: 110 VAC

**NOTE**: These dimensions apply to 20 kHz model only.