A Family of Vibration Welders to choose from...

<table>
<thead>
<tr>
<th>Model</th>
<th>Table Size</th>
<th>Upper Tool Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>S300</td>
<td>24&quot; x 18&quot; (610mm x 455mm)</td>
<td>20-55 lbs (9-25 kg)</td>
</tr>
<tr>
<td>S500</td>
<td>38&quot; x 18&quot; (965mm x 455mm)</td>
<td>55-90 lbs (15-40 kg)</td>
</tr>
<tr>
<td>S700</td>
<td>52&quot; x 24&quot; (1320mm x 610mm)</td>
<td>90-150 lbs (40-68 kg)</td>
</tr>
<tr>
<td>S900</td>
<td>72&quot; x 24&quot; (1829mm x 610mm)</td>
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</tr>
<tr>
<td>5960 LPT</td>
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If you have a Plastic Joining requirement, we have a solution for you. Contact us today to discuss your projects and benefit from our full line of plastic assembly solutions:

- Vibration Welding
- Ultrasonic Welding
- Laser Welding
- Spin Welding
- Hot Plate Welding
- Heat Staking Presses
Get Efficient Process Control with Dukane's Advanced HMI Software

- Provides real-time graphing of amplitude, pressure, and collapse distance, which gives users additional control to monitor, evaluate, and troubleshoot their vibration welding process.
- Data and tooling program storage have larger memory and ability to download information on external devices via USB port or Ethernet.
- Flexibility to export and import user information, machine and tool set up data, event logs, cycle data and alarm history simplifies managing multiple users and different applications.

Customized fixture designs of various types

- Programming capabilities for multiple sensors and pneumatic valves simplify complex tooling set up.
- Built in logical control eliminates the need of PLC programming expert for changing simple standard machine logic.

Obtain Consistent Part Geometry with sturdy mechanical features

- Heaviest-in-class, one-piece flame cut bridge stops unwanted vibration at its source. Robust frame with numerous cross members to support dovetail slide system for table. Tubular steel table with 1" (25mm) thick Blanchard ground surface provides stable platform for lower tooling.

Whether the part fits in the palm of your hand or is six feet long... we have a welder to suit your needs.

Enjoy the Ergonomic Features

- Large mechanical mass of the linear vibration head coupled with the solid welded tubular steel frame construction eliminates machine failure due to process vibration and provides one of the quietest machines in the industry, reducing operator fatigue.
- Optional automatic load/unload station, indexing part conveyors, adjustable safety switches and quick tool changing cart makes it more operator friendly.

Reduce your Downtime and maintenance cost with Dukane

- Dukane's patented digital frequency drive delivers more power efficiency, reliability and flexibility for unique applications.
- Backward and forward engineered compatibility means up to 80% of components in welders are interchangeable providing better flexibility and adaptability.
- Service spares, and drive upgrades are provided directly from Dukane eliminating dependency on third-party manufacturers.
- Twenty-Gallon Rexroth hydraulic power unit with heat exchanger and proportional valve, give the unit a superior service life.
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- Four continuously supported linear rails and eight reciprocating bearings provide with the best table slide system in the industry.

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Reliable Hydraulic Power Unit LPT Upper Tooling Head

Dual Outboard Lift Cylinder Quick Change Tooling Cart
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