Large Parts, Precision Welded with Dukane's Advanced Low Frequency Servo Welder.

Benefits
- Reduce install time and cost with one piece construction
- Rapid changeover between multiple tools
- Eliminate table chattering, improved table alignment, and eradicate unwanted machine resonance with fully supported rails
- Improve weld quality and consistency with a servo controlled welding process
- Faster cycle times driven by high speed smooth servo motion
- Ensure quality parts
  - 100% Part Traceability
  - Real time graphing of amplitude, force, & distance
- Industry 4.0 Ready

Vibration Welding With Melt-Match® patented servo technology

It’s The Connection That Counts
Intuitive Machine Control

Delivering efficiency in process control, Dukane’s proprietary HMI software enhances the overall performance of the Low Frequency Vibration Welder. Providing real time graphing of amplitude, force, and collapse distance, with additional data to control, monitor, diagnose, and evaluate your welding process.

- 15” color industrial touch screen
- Up to 200 Weld Setups/Recipes
- Part history data stored by dates
- Remote connectivity for faster diagnosis and service
- Standard programming for up to 6 pneumatic valves, expandable up-to 10 as an option
- Part presence sensors - up-to 6, expandable up-to 10 as an option

- Tool ID Programming for Quick Change between tools
- Vacuum options for improved part placement
- Part parameter monitoring with programmable limits
- Multilingual (English, Spanish, German, Japanese, Chinese, French, and Czech)
- Automatic Frequency Tuning
- Weld by Time or Weld by Distance

For more information, speak with your Dukane representative or contact your Dukane regional office.

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