

LFVW 6970

Low Frequency Vibration Welder

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

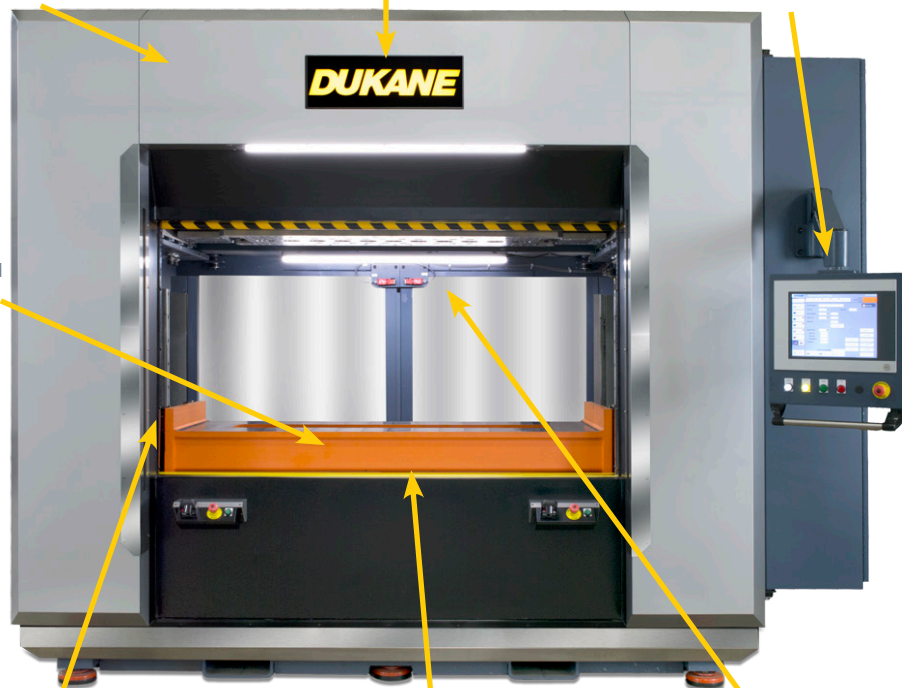
Benefits

- 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

Machine Status Indicator

One Piece Construction

Real Time Data



Dual
Outboard
Servo Lift
Table

4 Fully Supported Rails

Ergonomic Tool Loading

Quick Change Tooling

Vibration Welding With **Melt-Match**[®]
patented servo technology

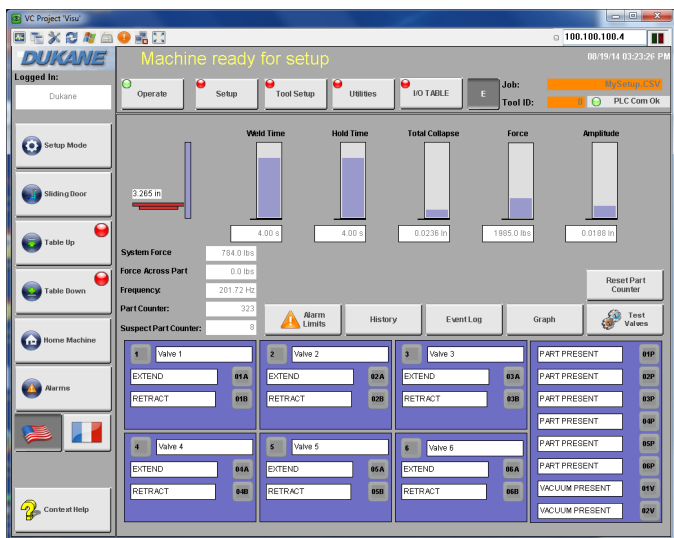


It's The Connection That Counts

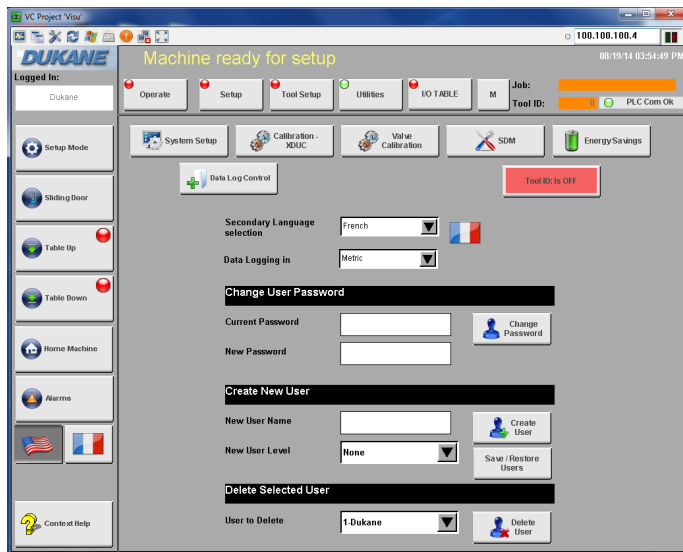
DUKANE

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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