

VW5900 Vibration Welder Table Size 1829 mm (72") by 610 mm (24")



FEATURES

- Electromechanical vibration head assembly (200-240 Hz)
- Patented Q Factor for comprehensive tool and machine diagnostics and preventive maintenance
- 15" color touchscreen HMI with remote I/O's
- Real time graphing of amplitude, force and distance
- Intuitive and interactive comprehensive help menu
- Part parameter monitoring with programmable limits
- Weld by time or weld by distance
- Programmable amplitude 0.05 mm to 1.8 mm (0.020" to 0.070") p-p
- Programmable amplitude and pressure profile, up to 5 steps
- Solid state 65 hp digital variable frequency drive
- Automatic tuning with auto ping mode
- Multilingual capabilities (English, Spanish, German, Japanese, Chinese, French, Czech)
- One piece flame cut bridge (heaviest in class, in the industry)
- Hydraulic lift / clamp force maximum 31,000 N (5,500 lb), 75.6 L (20 gallon) reservoir
- Super rigid four rail table slide system
- Light curtain for single switch activation
- Optical zero force cycle start activation switches
- Interior work light
- Dual external utility outlets

SPECIFICATIONS

- Table size 1829 mm x 610 mm (72" x 24") (also max tool size*)
- Door Opening 660 mm high x 1931 mm wide (26" x 76")
- Upper tool weight 50 kg - 90 kg (110 lb - 200 lb)
- Table opening 1470 mm x 305 mm (58" by 12") with max depth 500 mm (20") [except F/B center strip 75 mm (3") wide with depth 12 mm (1/2")]**
- Lift table height 1040 mm (41")
- 500 mm (20") stroke, 630 mm (25") max daylight
- Maximum dB rating tooling and application dependent

Options

- Position adjustable cycle activation switches
- 12-Zone IR-Preheat machine and control upgrade. See IR-Preheat vibration welding datasheet for more information
- Servo lift table. See Servo vibrate welder datasheet for further information
- Exterior work light
- Custom paint per customer specification
- Rear sliding door for pass through operation
- Programmable pneumatic clamp or eject valves and/or programmable part-in-place sensing
- Custom lift table or custom frame can be quoted to allow for an uninterrupted bucket of greater depth

* Tooling can in some instances overhang the back of table by modest amount. Consult Dukane for more information.

