FEATURES
• Electromechanical vibration head assembly (200-240Hz)
• Super rigid four rail table slide system
• Massive flame cut bridge
• Solid state 20hp digital vibration drive
• Hydraulic lift/clamp force max. 5000 lbs. (20,000 N), 20 gallon (75.6 L) reservoir
• Allen-Bradley® SLC 5/03 controller with two available expansion slots
• Allen-Bradley Panel View 600 full color touch screen display
• Intuitive and interactive comprehensive help menu
• Part parameter monitoring with programmable limits
• Choice of either English or Spanish menu structure
• Automatic tuning
• Programmable amplitude 0.040" to 0.070" (1.0 to 1.8mm)
• Weld by time and weld by distance (absolute or meltdown)
• Interior work light
• Optical zero force cycle activation switches
• Less than 80 db in operation (continuous measurement)
• Dual external utility outlets

SPECIFICATIONS
• Table size 52"x24" (1320mm x 610mm) (also max. tool size*)
• Table opening 11.5" by 38" (290mm x 965mm) with max., depth 20" (508mm) (except F/B center strip 3" (76mm) wide with depth of 1/2"**(13mm)
• Upper tool weight 90-150 pounds (40-68kg)
• Low 41" (1040mm) lift table height
• 20" (500mm) Stroke, 25" (630mm) Max daylight

OPTIONS
• Light curtain for single switch activation
• Exterior work light
• Customer-specified PLC and interface
• 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
• We can also quote machines with custom frame sizes, lift tables, stroke lengths, etc., using standard vibration heads
• Tool can in some instances overhang the back of the table by a modest amount. Consult Dukane for more information.

* Custom lift table or custom frame can be quoted to allow for an uninterrupted “bucket” for greater depth.

Table Size 52" (1320mm) by 24" (610mm)
Vibration Welder Model VWB3700
Floor Layout

Electric Service Required: 480V, 3 Phase, 30 Amps
Pneumatic Service Required: 75 to 90PSI (5-6 Bar)

Note: All specifications are subject to change without notice. Please consult Dukane Ultrasonics for any updated information.