

Vibration welding machine for I battery



LIST OF CREDITS

Approximate weight	
3500 Kg	
Dimensions	
Wide of machine.	1820 mm
High of machine.	2050 mm
Length of machine.	3700 mm
Wide of electrical panel.	500 mm
High of electrical panel.	2200 mm
Length of electrical panel.	2000 mm
Power supply	
400 Vca / 50 Hz + Neuter + Earth	
Documentation	
Project, manual and declaration of conformity.	
Tack of machine	

Vibration welding machine for I battery

- Machine designed for welding cover on battery lid using BRANSON linear vibration equipment.
- Machine composed of four intermediate positions, one prior to entering machine, another during which the cover is placed on top of the battery, followed by another position before the welding bench and finally, a single welding position.
- Machine frame constructed in 316 stainless steel and technical plastics such as PVC, polyethylene, polypropylene, etc
- Pneumatic stainless steel FESTO cylinders and antacid coupling.
- Input conveyor belt for EUROBELT / INTRALOX polypropylene batteries.
- RITTAL panel, with temperature gauge and cooling system.
- 7" Colour touch screen, for programming and displaying all the machine parameters.
- PC and monitoring programs for control of all data required, adjustable and displayable. Possibility of sharing monitoring functions with the machine for sealing covers using the Profibus DP network.
- Possibility of working with or without PC.
- Scada control using the PC with National Instruments V6.1 (labview) programs.
- Program monitoring using PLC SIEMENS S7-series 300_2DP and ET200S field bus.

