

# Machine to weld terminals by induction



LIST OF CREDITS

<b>Approximate weight</b>	
<b>Dimensions</b>	
Wide of machine.	2565 mm
High of machine.	1120 mm
Length of machine.	3550 mm
Wide of electrical panel	2160 mm
High of electrical panel	500 mm
Length of electrical panel	1000 mm
<b>Power supply</b>	
400 Vca / 50 Hz + Neuter + Earth	
<b>Documentation</b>	
Project, manual and declaration of conformity.	
<b>Tack of machine</b>	
7 ó 8 bat / min.	

# Machine to weld terminals by induction

- Machine designed to solder the battery terminals (positive and negative) by induction. It also measures the height of the terminals and calculates the average for the heights measured on an assembly line.
- Machine comprising 8 intermediate workstations, 2 of which are for welding purposes, and one for checking the height of the terminals. This will allow work to be done with 1 or 2 generating sets that weld up to 4 terminals at the same time.
- Manufactured in ordinary steel, aluminium and technical plastics like PVC, polyethylene, etc.
- FESTO and SMC pneumatic cylinders.
- The machine belt will be activated by rollers with a sprocket drive, and two separate belt controls regulated by a SIEMENS speed driver.
- Composed of two 12 KW generators supplied by GH Electrotermia.
- The position for measuring the height of the terminals is composed of two Mitutoyo gauges used to carry out the measurements.
- RITTAL electrical panels located at the back of the machine.
- Program control using SIEMENS S7-series 300 PLC .
- 7" Colour touch screen for displaying, controlling, programming and calibrating the measurements.
- 2 Pushbutton control boxes at the front of the machine.

