

# Control panel for mixing Plant



LIST OF CREDITS

<b>Approximate weight</b>	
1200 Kg	
<b>Dimensions</b>	
Wide of machine.	
High of machine.	
Length of machine.	
Wide of electrical panel	2180 mm
High of electrical panel	500 mm
Length of electrical panel	3200 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>	

# Control panel for mixing Plant

- Electric panel designed to control mixing plant, composed of 4 RITTAL 800 mm. modules, enabling the production process for masses to be handled with up to 12 individual steps both in dry / wet mixing procedures and during homogenisation. It also manages work prescriptions and specific operating conditions for each type of mass.
- RITTAL sealing connected to various departments.
- SIEMENS starter motor for turbine engine.
- Proportional control for position of valves, weight, acid flowmeter, vacuum, strength and temperature gauges.
- SIEMENS load cell and SIEMENS SIWAREX weighing system, with measuring tolerances of  $\pm 0.1\%$ .
- Centralised pneumatic installation to control valves on 316 stainless steel panels.
- 10" Colour touch screen for programming and displaying all parameters, enabling loading and unloading to be programmed automatically.
- Program monitoring using PLC Siemens S7- 315\_2DP and ET200S field bus.
- SCADA (Supervisory Control and Data Acquisition) system using PC with National Instruments V6.1 ( labview) software, for programming and supervision for prescriptions.

