



The GF351000 machine uses, as a connection support, connectors or cable terminals.

Once the wires and cable are introduced into the connector, altogether is positioned between the toolings and a pneumatic cylinder system blocks it.

Connection process consists of two operations that happen in sequence: at first current passing through the crimping tools to warm the support and then, besides current, pressure is applied to the crimping tools to vaporize the wires' enamel and compact everything in a single body with high electrical and mechanical features.

All GF351000 thermo connecting machine functions are electronically controlled by Castech's board "CST12-AA-00".

The electronic board manages all parameters concerning the connection and the machine's movements, the interface is simple and intuitive thanks to the touch screen operation panel.

The software is able to manage up to 249 programs with different power values, active and passive time, ramp time and number of repetitions, three different heating modes and sequence of programs.

The GF351000 is suggested where the production range is wide and diversified and very different connections need to be processed.

In fact the GF351000 machine can be equipped with crimping tools of different sizes which can be replaced in a simple and fast way.

Born to be extremely ductile the GF351000 can be realized in different configurations such as: with control panel located laterally or frontally.

OPTIONALS: Welding Fume Extraction with or without Active Carbon Filter; Lifting System Platform; Interchangeable toolings with different diameters; Backup Key; Bar-Code Reader; Led Light; Software for remote desktop Machine⇔PC; License for data storage (CSV file); Software and license for remote assistance; cold air generator; trimming blade; Extra cylinder stage.

Technical Features

Voltage	: 400 V (±5%) 50-60Hz	Max. Power (duty factor)	: 25KVA (100%) 35,35KVA (50%)
Working Pressure	: 6 bar/0,6MP (CAG 7bar/0,7 MP)	Air Consumption	: 5 L/min (CAG 700L/min)
Air Capacity Request	: 19 L/min (CAG 700 L/min)	Arms Closing Force	: 884 kg (6 Bar Pressure - 2std)
Heating Temperature	: ~400°C	Heating Time	: Depends on kind of connection
Programs Set	: 249	Cycle Set	: 249
Range of Connections	: *Total section up to 185 mm ²	Ø Tooling Range	: 6 ÷ 24mm
Temp. Range Working	: +10°C ÷ +40°C		
Humidity Range Working	: 0% ÷ 85% without condensation		
Dimensions	: (WxDxH) mm 700x880x1520		
Weight	: 160Kg		

*Referred to the nominal section of the standard connectors model L-37P for unipolar cable 185mm²

IMPORTANT NOTE: Images are for product illustration purposes only. The manufacturer has the right to make changes (or technical improvements) without prior notice obligation.

