

# COMPANY INTRODUCTION

Giannitti Domenico Assembling

Entrance  
Meeting Room  
Metallographic Laboratory

## OUR HISTORY:

The Domenico Giannitti company has been operating for more than 20 years in the field of electric and electronic components assembling for automotive, motor vehicle gas, fork-lifts, household appliances, vending machines and general components acquiring vanguard experience and competence.

These conditions combined with a continuous development and organizational efficiency of our qualified staff have allowed us to obtain results more and more satisfactory enabling us to adapt constantly to the needs of the evolving market.

In the context of a service which is increasingly attentive to the current needs of the market and in particular in the one we specialized, in 2009 we obtained the System Certification according to UNI EN ISO 9001: 2008 standard. Our next target is to achieve the Environmental Certification UNI EN ISO 14001 by 2011.

The orientation toward the continuous improvement allows us to offer companies which make use of our service, the security and the guarantee of a corporate system geared toward innovation and customer satisfaction.

Our company relies on a partner abroad composed of a workforce of approximately 180 employees that guarantees the possibility to have in addition to a guaranteed level of quality a price delays for the European market.

We would like to stress that all the cabling assembled and produced by D.G. are electrically tested by electric test benches with WEETECH 140 method of control and label printing with METEOR printers with barcode and production batch management.

## COMPANY STRUCTURE:

Domenico Giannitti company is strategically located one our away from the 3 biggest industrial cities in the north-west of Italy: Turin, Milan and Genoa.

We have a 3.300 sqm covered plant dedicated to production departments; 400 sqm offices and around 7500 sqm open area.

The young, dynamic and flexible staff is composed by:

- Technical dept.: 3 employees
- Quality dept.: 3 employees to manage the Quality System, the Product Quality and the Quality at each production stage.
- Acquisition dept.: 2 employees to constantly search for the best components at the most competitive price on the market
- Accounting dept.: 2 employees
- Production unit: 8 employees at the cutting division, 15 employees at the assembling division, 10 employees at the testing division

## TECHNICAL AND INDUSTRIALIZATION DETPARTMENT

The technical department is the starting point for the analysis of the feasibility of each new project and it is the place where the requests of our customers find an answer.

For this activity our technicians can count on:

- 5 PC workstations
- 2 CAD workstations
- 1 colour print plotter
- 1 dedicated meeting room

Our technical department main activities are:

- Bill of material development
- Cutting table creation
- Modifications management
- Technical specifications modules development (on customer's demand)
- IMDS data management

Our technicians are always available to advice and suggest particular/customized solution. Our staff is always updated on the latest in technology innovation.

The technical department works side-by-side together with the production manager to manage:

- times and methods analysis
- production steps improvement
- bill of material development and modification
- assembling tables creation and modification

## CABLING DIVISION

Our Cabling Division is made by highly qualified personnel with long-lasting experience in the cabling sector.

Our staff can count on:

- Assembling tables for any kind of cabling
- Prototype-dedicated stations
- Module-dedicated stations
- Multifunctional electric test tables
- Electric test tables with WEETECH unit testing for specific cabling
- Visual testing station

Our structure can monitor internal procedures thanks to our organization dynamicity and staff versatility.

## OUR PRODUCTS

Our cabling is carefully analysed to optimize production time and costs. All the materials we use are selected to guarantee high quality and durability.

We produce electric cabling for different industrial sectors such as:

- automotive
- motor vehicle gas
- fork lift trucks
- household appliances
- vending machines
- boilers

## EQUIPMENT:

Domenico Giannitti Company has always had a strong vocation for innovation and technology. We own last generation machines in cable manufacturing in order to guarantee high-quality standards.

Our cutting division is composed by:

- 7 cutting machines:
  - o 1 Crimper Center 65
  - o 2 Crimper Center 64
  - o 1 Makfil Magic 4
  - o 3 Komax Pc 333

Our cutting-stripping-crimping machines are equipped with swivel arm and are fully automated and extendible up to 3 crimping stations.

Each crimping module can manufacture side-feed and longitudinal-feed terminals with a side feed press on each side. With this system the other stations remain available for end feed supply, tinning and seal insertion.

Production parameters are managed by PC with Windows operating system. Production data and cable type can be memorized, displayed and modified. Production data acquisition (PDA) and production process integrated control help optimize planning and checking.

- 3 Stripping-Crimping machines: can cut up to 95 mm section cables.
- Ultrasonic Welders AMTECH: for high quality welding, these machines have 4 control levels: welding power, welding time, height before welding, final cable height.
- 6 Presses for manual crimping MECAL
- 2 Twisting machines PRO-EFF GmbH

## CHECK EQUIPMENT:

Our check equipment is composed by:

**1 Metallographic Laboratory** in order to determine the exact geometric conditions and perfect compacting of crimping strands, either in the copper contact area or in the insulation closure area.

The metallographic laboratory is composed by different manufacturing modules:

- Cutting Module: the crimp is cut vertically
- Lapping Module: the crimp is lapped and polished
- Chemical Cleaning Module: the metallographic section is cleaned in order to ensure a correct evaluation of the deformed cable
- Displaying Module: the metallographic section is examined under the microscope
- Evaluation and Reporting Module: the metallographic section is displayed by a high-resolution photographic device. The evaluation program records the parameters.

**2 Dynamometers QMS2000** with PC, touch screen and crimp height meter. 4 kinds of tests are possible: breaking; pulling and maintaining; pulling and calibrated release; pulling, maintaining and calibrated release. Measurement range:

2.000/1.000/200 N with automated pre-selection by touch screen. Device for measuring, memorizing and evaluating height and width of a crimp. Measure unit made by a controller, a digital gauge or a micrometer with connecting cable and appropriate holder. Up to 48 different crimping can be stored.

#### **1 Dynamometer SMST2000 Mecal**

**1 Vision Makroptic Engineering** which guarantees high-contrast and high-resolution images, high working distance and high depth of field. True colours can be displayed thanks to LED lightning.

**1 Vision Engineering Linx LED Generation** for visual inspection which allows the operator to have a three-dimensional image with excellent depth of field. Resolution and clearness are superior than a digital image displayed through a monitor.

#### **WAREHOUSE:**

Domenico Giannitti company has a wide and well-structured warehouse.

It is divided into 2 areas:

- Goods inward and raw material storage
- Goods outward and ready-for-delivery goods storage

Each article in the warehouse is marked with its article code, description, quantity, location. Location can also indicate the number of the shelf, the level in the shelf and other useful information to quickly locate the article.

Real-time valorisation of the stock is possible through our central server management system.

#### **QUALITY MANAGEMENT**

Domenico Giannitti company has obtained the System Certification according to UNI EN ISO 9001: 2008 standard. Our next target is to achieve the Environmental Certification UNI EN ISO 14001 by 2011.

Our working system and our internal reports guarantee the traceability of each and every working stage so that we can always meet our customers' needs.

Also we are always committed in offering to our staff a modern structure and a comfortable environment to work in.

Our main aims are to reach our customer satisfaction, supply products with a high and increasing quality level, optimise production, and comply with working safety and environmental protection.

#### **HOW TO REACH US**

We are about 8 km far from A26 motorway exit Casale Monferrato Sud.

70 Km from Turin

90 Km from Genoa

100 Km from Milan

#### **GIANNITTI DOMENICO**

COMPANY CERTIFIED UNI-EN-ISO 9001:2008

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