



CASE HISTORY

COMPLETE PLANT FOR THE PRODUCTION
OF CO-EXTRUDED AND REINFORCED
GASKET PROFILES



Friul Filiere has carried out complete Turn-key projects for the production of co-extruded and reinforced gasket profiles for the **automotive sector**.

This plant features a continuous and accurate in line control of the production with friendly use characteristics. The **complete project** consists in **several extruders** with multiple feeding system, **metal inserting unit** and flock tape co-extrusion. To face this level of complexity, only the **automatic control system** can manage so many process variables maintaining the set parameters. **The supervisor**, heart of the system, operates all the units connected. The system enables the setting and recalling of the production recipes to **control the process** data and relating parameters and their measurement and recording **in real time**. The supervisor stores all the historical records and the customized data relating to the production lots for each product, displayed also with graphical representations. The **man-machine interface** has been simplified to the maximum, the supervision system of the plant is remotely reachable on different operational levels.

The different pages of the software enable the operator an easy access to the more significant process variables for single machine. Furthermore the supervision is able to perform a **self-diagnosis** of the faults, to report them and to analyze the causes indicating where to intervene and allowing a quick restarting of the process.

NAME

COMPLETE PLANT TO PRODUCE REINFORCED AND COMPLEX GASKETS PROFILES

SECTOR

AUTOMOTIVE

TIPOLOGY

STRUCTURAL GASKETS

MATERIAL

ABS, PP, PE, TPE, TPR, EVA, PVC, FLOCK TAPE, STEEL, ALUMINIUM

PECULIAR FEATURES

- ONE SUPERVISOR
- MULTIPLE COEXTRUSION

- PROGRAMMING
- MONITORING
- CONTROLLING
- REPORTING
- HISTORY
- SELF-DIAGNOSIS
- TELE-ASSISTANCE

