ITALIAN LEATHER









STAZIONE SPERIMENTALE RESEARCH INSTITUTE | STAZIONE SPENIMENTALE PER L'INDUSTRIA DELLE PELLI



ITALIAN LEATHER RESEARCH INSTITUTE

Italian Leather Research Institute is a National Research Centre of the Chambers of Commerce of Naples, Pisa and Vicenza, established in Naples for Royal Decree in 1885.

MISSION

Italian Leather Research Institute's mission is to develop and promote process and product innovation in tanning industry services in order to improve international competitive capability for quality production, technological development and environmental sustainability for the benefit of the entire supply chain and the main targets: Furniture, Automotive, Footwear, Interiors, Fashion, Leather Goods.



INSTITUTIONAL ACTIVITIES

- Research and Development activities
- Certification of products and processes
- Analysis and controls
- Technical scientific documentation with a specialized library
- Training
- Technical Standardization

BUSINESS SERVICES

Italian Leather Research Institute provides services with high technical-scientific expertise for the resolutions of the needs of the branch's supply chain companies, with the support of researchers and technologists who inform and guide companies. To meet the needs of both *stakeholders* and market, services are organized in a structured way:

- Consultation
- Training on demand
- Custom innovation
- Scientific Documentation support

LABORATORIES

RESEARCH AND SERVICES ADVANCED TESTS

Analysis activities with advanced diagnostic techniques that permit to obtain the data required for the development of the technologies aimed at the innovation of the tanning processes, not just for the final product but also for the valorization of waste like second raw material with high added value (chemical and pharmaceutical). The laboratory also carry out analysis by Optical and Electronic Microscopy methods.

CHEMICAL TESTS FOR PROCESSES AND SUSTAINABILITY

Performing activities the analysis of chemical characterization and research of unwanted substances in leather, wastewater and processing waste according to national and international test methods, internal procedures or created specifically for customers needs.

CHEMICAL TESTS FOR PRODUCT PERFORMANCE

Analysis of leather products and mechanics characterization intended to qualify the grade of raw material and the performance of the final product, according to the target markets (footwear, clothing, gloves, automotive and furniture). Also manages the activity of control measurement of leather surface for checks in commercial transactions.

RESEARCH AND INNOVATION

The activity of research and innovation supports tanning industry and its entire supply chain to develop solutions, methodologies and technical applications of process, product and new environmental and energy technologies, in support of the circular economy.

- Process technology area elaborate, analyzes and experiments innovative tools of different tanning processes, with the purpose of optimize the use of primary resources.
- Environmental and Sustainability Area aims at find innovative solutions for the improvement of the use of water and wastewater in the industry produced today, enhance the waste recovery by directing companies to a correct use or to determine applications to other sectors and energy recovery from sludge.
- Product technology Area handles research activities related to relevant innovations to improve material performance, because of surface treatments or creating the perfect Structure-Property relationship, then enhancing the natural characteristics of leather, a necessary requirement to exploit all the Made in Italy manufacturers.

POLITECNICO DEL CUOIO

Politecnico del Cuoio (Polytechnic of Leather) is a national program aiming at offering a training proposal oriented to a high level of specialization, coordinated and structured at national / inter-district level and able to be competitive in the international scene, for training and development professional skills in order to contribute to the competitiveness of the tanning industry and the branchs of destination.

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STAZIONE SPERIMENTALE PER L'INDUSTRIA DELLE PELLI E DELLE MATERIE CONCIANTI











Italian Leather Research Institute sets out specific strategies for research, innovation and technological development in the tanning sector based on the integration between industry and innovation, to support companies in industrial districts, through the RalDto4.0 Program - Research and Innovation Driving for Leather and Fashion Industry, within the framework of opportunities offered by the Industry 4.0 Programme, oriented both to improving the quality of products and production processes and to the development of an integrated assets-services supply chain that could pave the way to new markets and to the growth of new hi-tech companies.



National Research Centre of the Chambers of Commerce of Naples, Pisa and Vicenza

STAZIONE SPERIMENTALE PER L'INDUSTRIA DELLE PELLI E DELLE MATERIE CONCIANTI SrI

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