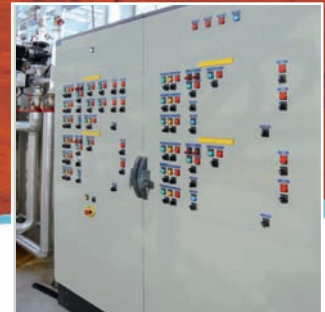


Equipment to suit your projects





Since its inception, the Richel Group has gradually added new "Product" expertise to its core business. This evolution is built on the solid historical foundations of this company founded in 1964. The reputation of the group, recognized by several generations of farmers and professionals from the agricultural sector, is now constantly gaining new markets. The growth of our turnover, our greater workforce and new facilities abroad reflect the Richel Group activities' major and well-controlled development: the number of our clients around the world is constantly growing. Our project engineering and associated services proved to be important growth incentives. A new activity, "EDF Énergies Nouvelles", developed with EDF EN, has opened promising prospects. Today, for a better response to individual needs both in France and abroad, we have chosen to give our activities a common identity. We now offer our specific expertise under the name of Richel Group. The Richel Group's segmentation, closer to its clients' concerns, meets the market's expectations. Clarity and simplicity characterize our new graphic chart, now available in 6 universes for the better readability of our "Product" offer. We are happy to invite you to have a look and discover this segmentation, a new stage in the development of our customer service.

Christian RICHEL

Richel Group, a unique pole of expertise!



For over 40 years, **RICHEL SA** has been the French industrial greenhouse, livestock farm building and storage shed construction specialist.



For the past 60 years, **MARCHEGAY SA** has been the glass greenhouse, garden centre and botanical greenhouse construction specialist.



For over 30 years, **DIMAC SAS** has been the specialist in equipment dedicated to plant production, especially related to equipment for greenhouses and garden centres.



RICHEL[®]
GROUP

Leader in greenhouse manufacturing in Europe

Leader in garden center building in France

Environmental solutions designer

Worldwide presence

6 specialty brands to meet different professional universes



Richel Equipement, each project is unique

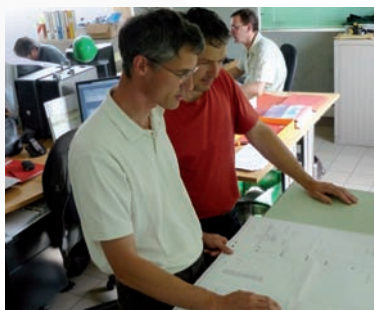


Our trade

Together, we will determine your specifications, for our engineering department to design equipment perfectly matching up to your needs.

Its expertise in design, material selection, installation and maintenance make RICHEL GROUP your equipment expert-partner.

Richel Equipment, more than 60 persons available to help you.



Innovation engineering departments

Technological advances and a continual need for innovation and quality characterize the products offered by the Richel group.

Our engineering departments benefit from modern CADD technology, in addition to heating, lighting, electricity & water software... adding to our choices additional expertise.

After-sales service

Our main concern is to be able to ensure efficient and reliable equipment.

Available, competent and efficient, our teams of professionals guarantee a top quality after-sales service.





Greenhouse climate management

Taking into account a farm's energy balance, we design and install climate management systems that control automatized material and advanced computer systems.

Through automation and electrical engineering, equipment control is more accurate. The equipment implementation and on-site maintenance are performed by our technicians.

Centralized management



Shading screen



Shading screen

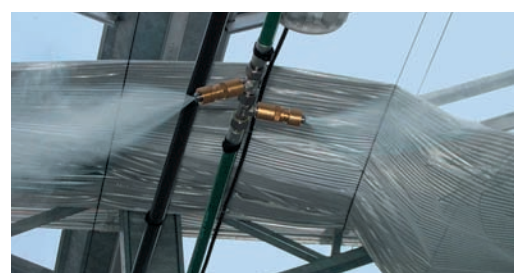
Equipped with cables or racks, designed for thermal, shading or occultation uses, we offer a wide range of screens to protect your crops and allow you to save money on heating.



■ Roll-up vertical screen



■ Pad & Fan cooling system



■ Fog System

Cooling

Greenhouse cooling

Our range of equipment, designed to cool greenhouses, combines an experience of more than 25 years in hot countries and offers the very best materials available on the market in terms of quality and resistance.



Heating

Heating system

Specialists in thermal engineering, our thermal engineering teams and heating specialists determine your farm's energy balance. We will study and design your heating system and ensure your crops' optimum growth while optimizing your energy consumption.

Water storage

To match to your hot water storage needs, we offer a specific "open buffer" type range.



■ Boilers



■ Heat pumps



■ Wood boiler



■ Low temperature boilers



Heating

Heat diffusers

Each situation requires a comprehensive and detailed study as to the equipment needs for heating, depending on the nature of the plants, the type of greenhouse, its equipment and the location of the farm.

Hygrometry management

Our research department has developed effective fixed or mobile dehumidification systems; we use heat pump and silica gel wheel technologies to treat the air for the many advantages they offer:

- reduction of your energy costs by allowing you to save money on heating.
- plant health improving.



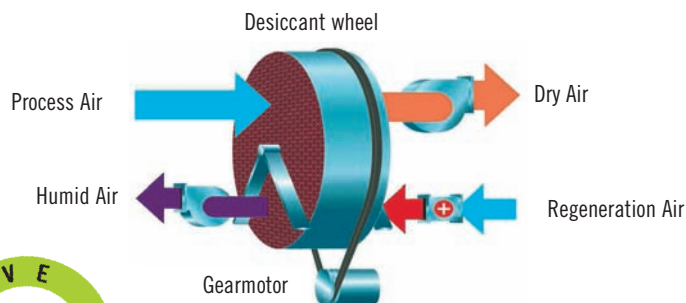
■ Heating rails



■ Air-heating unit



■ Water to air heating unit





Irrigation

As irrigation system-experts, we will assist you from conception to completion, always incorporating the latest available technological advances.

Pumping

Electrical or thermal, with or without variators, pumping is remotely controlled, automated and adapted to the needs of the farm.

Water storage

Several solutions are available to collect, store, save and better manage the “water” resource.

Filtration

A wide range of filters and filtration systems will allow you to obtain a water quality that is adapted to your needs.

Water treatment

For UV treatment or via copper intake, we can provide effective solutions to prevent disease-spreading through water in your crops.



■ Dosing pumps



■ Disc filter



■ Sand filter



■ Gravity filter



■ Copper treatment



■ UV treatment

Hanging gutters



Irrigation

Ferti-irrigation

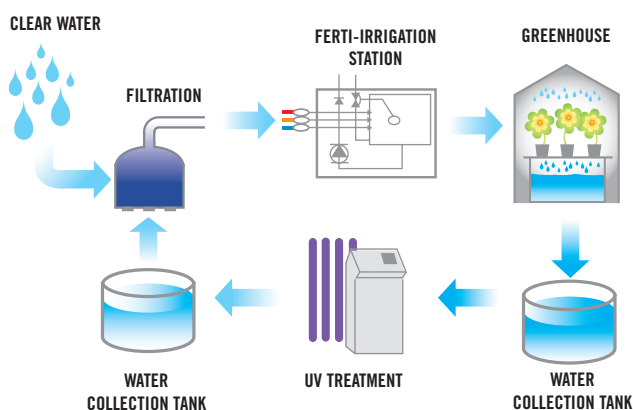
We design and install “customized” ferti-irrigation stations adapted to your farm and allowing you to manage your needs effectively in terms of water, fertilizer quantities, pH, alarms, recycling, etc.

Cultivation gutters

Ground or suspended cultivation gutters with adjustable heights will give your plants optimal comfort and make work in the greenhouse much easier. Our gutters will enable you to work in closed circuit and save money on water and fertilizers.

Closed circuit

Rainwater collection, treatment & recycling.



■ Ferti-irrigation station



■ Ebb & Flow benches



■ Irrigation boom





Handling

Conveyor belt

Our conveyors are equipped with positive-drive belts. This system will allow you to run the belt in one direction or the other without any additional procedures.

Bench system

All our systems are elements that are especially designed to drastically decrease drudgery and increase your farms' productivity. Our concepts are adapted to different configurations and are subjected to custom-made technical proposals.



■ Conveyor belts



■ Fixed benches



■ Packaging machines



Growth accelerators

Equipping a greenhouse is also seeking the best of what a plant can provide. To improve the yield and quality of your crops, we offer a selection of efficient materials: our CO₂ generators & photosynthesis lighting systems will offer your plants optimum growing conditions.



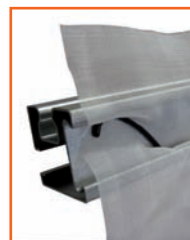
■ Sodium lamps



■ CO₂ generator

Insect-proof

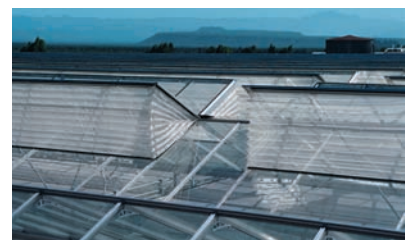
Insect-proof screens with a new mounting system for even more efficient support and strength. Possible roof or side-ventilation system implementation.



■ Richel Clip Profile



■ Insect-netting on multispan greenhouse roof vent



■ Accordion insect-netting on Venlo roof vent



Discover our "environment" range and all our solutions for your greenhouses or buildings equipped with solar panel coverings.



SAVE ENERGY:

We offer alternatives to traditional fuels (oil, gas, coal...), see our range of heat pumps and wood boilers.

SAVE MONEY ON WATER AND FERTILIZERS: RECYCLE!

Our experience and expertise in the installation of closed irrigation systems will allow you to save money on water & fertilizer, and comply with the EU standards for environmental protection.



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