



scarabelli  
EXPORT



**How to plan at best that precious  
good called water**





## OUR FIRST 30 YEARS OF ACTIVITY 1977 - 2007



1977 - 1986



### The importance of water.

Origin and means of every life form, water is the essential and vital nourishment of plants. The health and beauty of greenery depend mainly on appropriate irrigation.

Irrigating correctly is not easy, since every kind of plant and soil has different water requirements.

Satisfying at best these requirements is a real art, which requires experience and highly technological equipment.

Thanks to its thirty-year experience and highly technological systems, Scarabelli Irrigazione guarantees optimum irrigation, perfectly adjusted to the particular needs of nature.

### PREMISES FROM 1987 TO 2006



### NEW PREMISES SINCE 2007







## SYSTEM AUTOMATION

In the field of irrigation, SCARABELLI offers its technical skills and thirty-year experience starting from the construction of the artesian well. After drilling and successful geological prospecting, the well is finished, cleaned and subjected to flow test with a submerged motor-driven pump.

A wide range of submerged motor-driven pumps and motor pumps will be always available. It is important to note that each component of an efficient irrigation system must be correctly dimensioned in order to optimize operation and service life and minimize management costs.

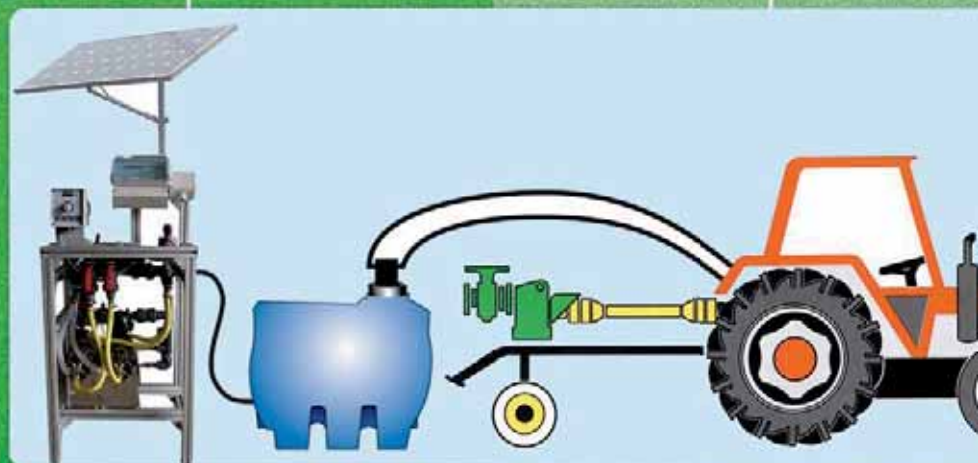
Fertigation is becoming increasingly widespread to reduce production costs. Using the same system for two different cultivation procedures like irrigation and fertigation helps reduce investment and production costs.

Less water, energy and fertiliser are used, while the product is applied exactly where it is needed.

As always, our planning department will suggest you the best solution.











## AGRICULTURE

Modern agriculture, which is always open to technological innovations, is the natural answer to the changing world. In the sector of vegetable farming, in which traditional irrigation is being increasingly replaced by new micro irrigation systems, SCARABELLI IRRIGAZIONE offers, in addition to typical “rolls” and big full-field sprinklers, new technologies to save labour and reduce costs. Each crop will have its specific solutions according to experience and correct application of theory.

Drip lines designed for seasonal use will be the economically suitable answer to the new rationalization requirements of irrigation.

In orchards and vineyards, field experiences suggest the use of micro irrigation systems for multiyear row plantations.

Drip lines, drippers and micro sprinklers (self-compensating or not) are certainly the best technical solution for rational irrigation in this sector.

Keeping dry the aisles, saving and efficiency in water distribution, reduced labour are just some of a long list of benefits.

In the greenhouse sector there is a great variety of crops and cultivation systems. It will be thus necessary to carefully analyze the specific problems to plan an appropriate system for each situation.

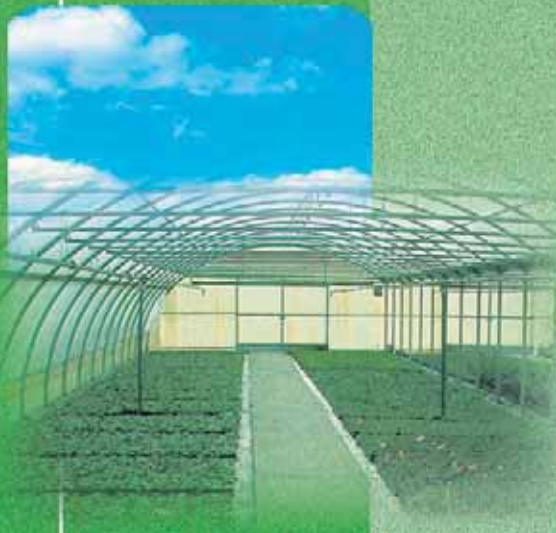
Different irrigation systems often coexist according to the physiological needs of plants in different growing stages.

From water nebulization to micro sprinklers, the most suitable solutions will be found to solve technical-agronomical and economic problems.

In hydroponics and soilless systems in general, our automation and injection systems as well as our systems for measuring out fertilizers and other chemical elements are able to follow crop parameters at best. All this is planned and coordinated by our group of agronomists and irrigation technicians.











## GARDENS AND PONDS

The health and beauty of green areas depend mainly on appropriate irrigation. Irrigating a garden correctly is not easy since every kind of plant and soil has different water requirements.

Satisfying at best these requirements is a real art, which requires experience and highly technological equipment.

Today, thanks to new irrigation technologies and with minimum time and labour costs, it is possible to obtain great results in spray, drip and subsurface drip irrigation. Drip and subsurface drip irrigation are among the most important and innovative irrigation techniques and are certainly the ones that have featured the most technological innovations.

A well-kept garden is certainly elegant, nice and relaxing. However, today it is also something more: it is mainly an investment. Taking care of it and improving its characteristics and aspect is nothing but a way to preserve and increase the value of a property. Irrigating well to capitalize more, we might say.

To save a precious good: your time. How long would manual irrigation take?

How many of you would be willing to wake up in the middle of the night to irrigate your garden at best?

Your holidays are certainly well-deserved but usually fall in the hottest period of the year. Once back, how would you find your garden if you left it on its own? With a SCARABELLI automatic irrigation system, this problem no longer exists. Even if the user is away, an automatic system continues to perfectly perform its function. The control panel allows you to set the duration and frequency of irrigation cycles throughout the whole season.

At this level, irrigation is a serious task that must be carried out by experts.

Thanks to its thirty-year experience and advanced technologies, SCARABELLI IRRIGAZIONE offers specialized advice and assistance from the very early stage of system design.











## FOUNTAINS

Water is irresistibly fascinating, fluid and changing. Water gives origin to landscape and architecture. Its view, sound and movements turn common settings into vibrant and stimulating environments.

The creative use of water adds great value to any public or private architectural project.

With its WaterDesign fountain system, Scarabelli Fountains & Lights makes water more lively than ever. Easy to install and maintain, WaterDesign is today's most effective and simplest system for planning and building fountains of any type and size.

In the country with the longest tradition of plays of water, Scarabelli Fountains & Lights offers designers the best technologies in the world.

Important projects created by architects and designers in collaboration with Scarabelli Fountains & Lights' staff and installers have already been carried out both in new architectural fountains and in the restoration of ancient fountains.

By working in harness with designers, Scarabelli Fountains & Lights' technicians offer specialized assistance and provide fountain projects as well as proposals for turnkey construction.

Water is the only one fluid and live architectural element. Its application is limited only by imagination.

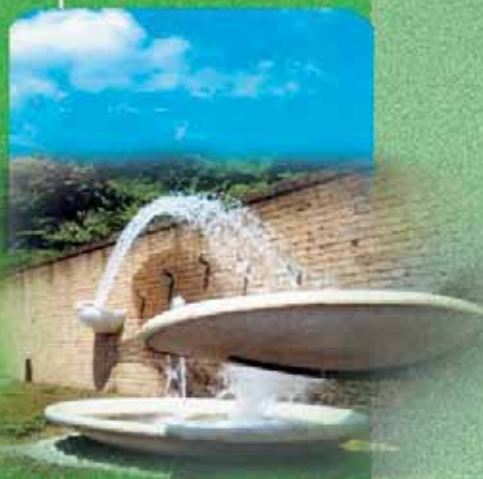
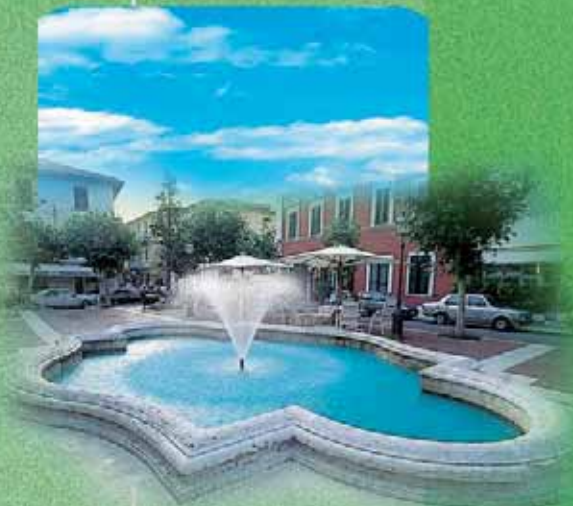
The use of plays of water may be functional or symbolic and may create effects or illusions.

As element of an architectural composition, water may be used as background or foreground and may become the structure connecting the single elements or enhancing the setting by reflecting the surrounding environment. Architectural splendour, fountains and plays of water may be focal points both inside and outside a building.

The creative use of water may become a touch of class, the characteristic signature of a designer.











## SPORTS FACILITIES

Irrigating sports facilities, and particularly football fields, is not as easy as it may seem. In order to have a field as much even as possible with a constant grass quality, irrigation must be absolutely uniform. Moreover, sports fields mostly consist of made ground, thus featuring great drainage.

It is therefore necessary to plan particular irrigation forms and times in order to prevent water from being wasted without being exploited. Finally, contrary to what is thought, there are no standard field sizes that may make it easier to design an irrigation system.

Football fields often have very different sizes and shapes (since, for example, they may include an athletics track) and therefore require different projects.

Thanks to its thirty-year experience, skills and organisation, SCARABELLI IRRIGAZIONE has realised the irrigation system of over one hundred of the most famous Italian football fields and of many modern synthetic fields.

Irrigation systems are also of paramount importance in the realization of golf-courses. Due to the complexity, dimensions, reliability and precision required, the irrigation of a turf is the most difficult litmus test for an irrigation system.

Those who are familiar with golf-courses know that the quality of a product is not sufficient at these levels. In order to have satisfactory results, it is essential to turn to an organisation that offers a global solution and follows its execution in every single stage. Such a complete service, which is usually the weakness of the other firms in the sector, is the strength of SCARABELLI IRRIGAZIONE, which offers design, construction supervision, technical and on-site assistance as well as technical assistance during system management with the possibility of laying pipes underground without excavation work when remaking obsolete systems.











## TRAINING

SCARABELLI IRRIGAZIONE offers very professional assistance and service. Its technicians are continuously trained through specialization courses, thus offering you specialized assistance from the very early design stage. They are the real warranty that a highly technological system representing the state of the art in the irrigation sector always works correctly and in the best conditions. Today, tomorrow and for many years more.







## FAIRS

SCARABELLI IRRIGAZIONE participates every year in several trade fairs, presenting its products and spreading as much as possible the principles underlying the correct operation of a system.

Its objective is to improve the outside world, offering customers the most complete and responsible solutions while respecting the environment, thanks to a tradition featuring many successes and great professionalism.





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