



# Environmental charter

Sustainable development at the heart of our concept





# Introduction

DANUBE

With more than 70 years of experience in laundry industry, Danube International strives to develop machines state-of-the-art to preserve our planet for next generations...



# Respecting environment is at the heart of our concept

To meet today's ecological concerns and anticipate those of tomorrow, the whole policy of Danube International is part of a sustainable development approach, whether in terms of raising awareness among our employees or in terms of the quality of our products and services.

We scrupulously respect the legal and regulatory requirements and to fully fulfill our role as an environmentally friendly company, we are committed to:

- Train and sensitize our staff to environmental questions,
- Innovate to always optimize energy consumptions,
- Reduce energy consumption and production of residues through the implementation of appropriate resources,
- Guarantee as much as possible the recycling and disposal of residual materials at the end of life of our machines,
- Improve our environmental procedures thanks to close collaboration with our suppliers.



#### **Encourage collective commitment**

Environment is part of everyone's responsibility. Danube considers raising awareness, educating and training of employees as a priority to ensure that a high level of environmental performance is maintained.

#### **Control environmental risks**

Beyond the strictest respect for environmental regulations, which is a duty, Danube intends to prioritize risk prevention. Necessary human and material resources are assigned to it.

We keep our staff informed in a clear and regular manner about company news, decision-making, upcoming activities and results obtained.

We encourage and involve our staff in being committed in our environmental policy.

All employees benefit from an annual monitoring of their performance and involvement in the company environmental approach.

#### Innovate to always optimize energy consumption

Designing laundry equipment by integrating innovation and environmental creativity

Guided by a concern of quality, Danube intends to progress in mastering and anticipating environmental aspects linked to its products life cycle.



In a more and more concerned and informed world, sustainable development is at the heart of business concerns.

Both for industrial laundries and communities, Danube offers advanced technologies.



Danube encourages all environmental innovation processes and fulfils its duty of prevention to ensure total safety for users.

As from product design, we integrate the environmental production approach. All our new products are optimized to reduce their own consumption of water, energy and detergents:

- Reduction of inactive volumes (between the vat and drum of washer extractors),
- Insulation of dryers (body, double door glass),
- Water recovery of last rinse (Aquabac)
- Optimization of volumes of water and detergents according to the weight of loaded laundry (Optimal loading, Water savings)
- Energy recovery in dryers (Air Recycle, Optimal flow)

### Reduce energy consumption and production of residues by using appropriate resources

Danube develops, offers and applies methods to promote the recycling and recovery of waste resulting from its own activities or those of its clients, in line with technical and economic feasibility.

- We eliminate heavy metals from our products to bring their part to 0 %,
- We recycle100 % of our machining and sheet metal waste,
- We favour the use of recycled and recyclable materials withing the limits of components technical constraints.

The environmental impact of dry cleaning is undisputable: water and energy consumption, perchloroethylene, detergent residues... all these factors have an impact on air quality and water pollution.

Customers require perfect washing quality and results. This is why Danube strives to offer adequate eco-friendly solutions (Wet Cleaning).





# Guarantee as much as possible the recycling and elimination of residual material at the end of life of our machines

Danube elaborates, designs, develops and implements environmental techniques and processes and asks its partners and suppliers to do the same.

### Designing packaging that do not waste raw materials and generate less waste.

Our packaging is made with a maximum of recyclable products (wood and cardboard) and is manufactured specifically for each machine in order to optimize the quantity of materials used.

Danube voluntarily contributes to a recycling organization, Ecosystem, to take back machines at the end of their life.

### Improve our environmental procedures thanks to a close collaboration with our suppliers

Danube looks for and selects suppliers as close as possible to its place of production and checks their sustainable development criteria.

Danube works with suppliers and subcontractors on good terms for a constant approach of sustainable development.

Danube selects carriers based on their geographic locations and their environmental involvement in reducing greenhouse gases. Danube develops machines with a constant concern for economical and ecological use.

Our lines of equipment are designed to optimize energy consumption, reduce resources and time consumption, maximize productivity and respect environment.







### Materials recycled by Danube after manufacturing cycles





## Danube products also offer major savings features

- **Optimal loading:** adjustment of water and detergent consumption depending on actual load
- Water savings: 3 possible levels of water savings
- Aqua Flow: recirculation of water for Wet Cleaning
- Aquabac: water recovery tanks for washers equipped with ET2 control
- Air recycle: air recirculation on dryers
- Care Dry: control of residual moisture on dryers
- **Care Iron:** automatic regulation of ironing speed according to the residual moisture on flatwork ironers
- HPS: high production system on flatwork ironers
- Optimal flow: additional air inlet on dryers
- Heat pump dryers: productivity and energy savings
- Insulated panels, double door glass on dryers: energy savings recirculating some of the airflow and reducing drying time

And much more...



20 %

Of turnover is spent on Research and Development to create the most economical design possible.

Of energy saved thanks to Danube technology applied to our various equipment.

98,3 %

Of materials of a machine are recyclable components.



# **DANUBE commitment**

Danube considers that its own development must integrate the search for a better quality of life for its customers, its teams, local authorities and the various communities concerned by our production and distribution operations around the world.

Danube takes the environment and sustainable development into account at all decision-making levels of the company: general policy, projects, investments, achievements and management endeavor to consider the objectives of respecting environment and sustainable development.

Danube also means respect for the law in matters of environmental protection and public health. We strive, within technical and economic possibilities, to go beyond these requirements to meet the demands of customers, authorities or the community.

Danube is developing research, innovation and development programs to better understand environmental phenomena, reduce risks and environmental impacts, thereby preserving natural and living environment.





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# Certification



### • Danube is certified ISO 14001.





