



SUSTAINABILITY REPORT 2010

EFFICIENT - RELIABLE - INNOVATIVE



The efficient use of resources needed to manufacture and operate our products has always been in the center of our efforts.

Resource optimization is one of the major features of our products and in the center of our customers' concern.

The aim of this sustainability report is to provide information on the relevant improvements that we have implemented to our products as well as to their development and production processes.

Continuous improvement through constant optimization, as practised consequently for many years at Hobart, is currently expressed among the public by the formulation "MORE LESS".

In our opinion, fewer emissions and lower consumption cannot be the only factors to measure our activities. In order to continue our involvement in sustainable development, we wish to trigger and actively guide public discussion on a broad basis in this direction.

The aim of this report is to stimulate discussion and motivate the public to offer their judgement as to how effective our activities are regarding environmental protection.

A handwritten signature in blue ink, appearing to read "F. Mikler".

F.-J. Mikler,
Chairman of the Board



ENVIRONMENTAL POLICY

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The basis of our company's success is not only its effective business policy, but also the fact that we uphold and comply with our own high environmental standards, which are laid down in principle in the ITW group's behavioural guideline, and which apply independently from any obligation to comply with legal regulations and environmental provisions.

In order to do full justice to this responsibility and to guarantee continual improvements, HOBART Germany has drawn up an environmental policy from the group guidelines, and maintains an environmental management system for the efficient implementation of resulting requirements.

In this way, HOBART is able to monitor environmentally relevant factors, based on a targeted analysis - as well as to monitor the level to which the environmental policy is being adhered to. Thus corrective measures can be implemented and documented in case of any deviations. Gained knowledge is integrated into a continuous improvement process.

Environmental awareness on behalf of our employees is to be promoted at all levels. Definition of authorities and responsibilities is the task of management. In order to avoid environmental deficiencies, appropriate goals are derived from our environmental policy. Relevant activities are regulated, and the efficiency of resulting measures is monitored, together with the degree to which our environmental policy is being complied with.

Possible environmental impacts resulting from changes in activities, products or processes are taken into consideration in advance. Local effects of current activities are taken into account to the same degree as the control of dangerous substances and noise emissions on the production site. Environmental aspects are always considered thoroughly.

Water saving and waste reduction are given as much emphasis as the way of applying a conscious energy management system in order to save energy. The future-conscious treatment of all resources comprises the avoidance, reduction and recycling of raw materials with the aim of minimizing the impact on the environment. This is achieved by making consistent use of environmentally friendly technologies matching with an appropriate economical effort. Potential deviations from regular operation are taken into account and emergency plans are in place to minimise the risk of any negative impact on the environment.



ENVIRONMENTAL POLICY

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Working in close cooperation with official agencies for the prevention of environmental damage is as self-evident to HOBART as the provision of information and participation in an open dialogue with the public concerning the environmental impact of the company's activities.

When working together with our external partners, we also integrate them in our environmental protection plan and call on them to actively support it.

Ongoing product related customer advice on environmentally compliant handling and dispose of our products is another aspect of the environmental maxims that are in place at HOBART.

We expect the same environmental standards from our suppliers and contract partners as we place on our products ourselves. This includes contract partners who perform their activities on our premises.

Active participation in all areas of the company is just as important for complying with our fundamental goals as informing our employees on ecological matters. Every employee in the company is required to make his/her contribution to protecting the environment and must be aware of his/her responsibility. Environmental protection is to be pursued by virtue of each person's initiative and responsibility.



ENVIRONMENTAL MANAGEMENT SYSTEM

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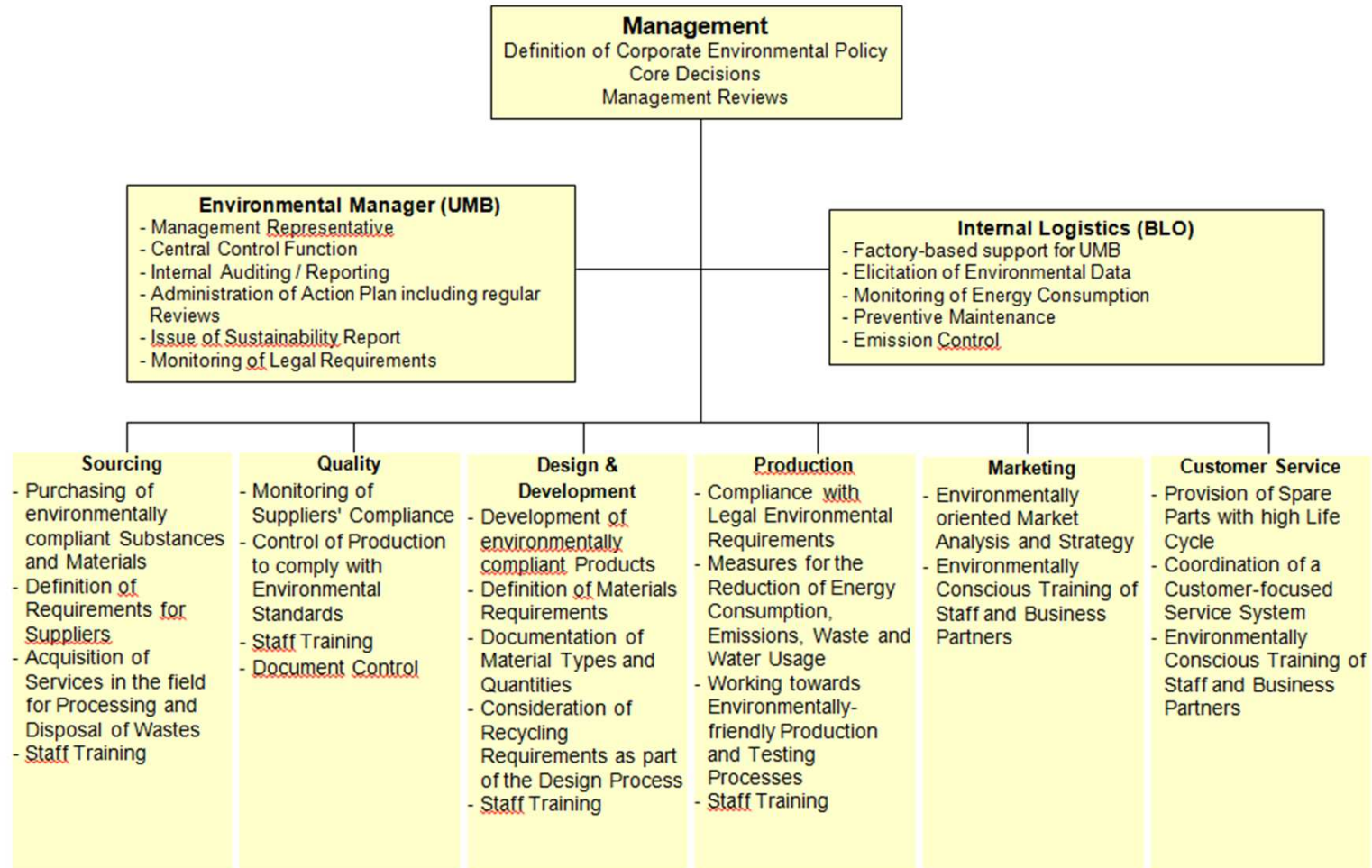
- All activities and information is being followed with due regard to environmental aspects and corresponding legal regulations.
- The company's environmental orientation was integrated into existing organisational structures or added as addition respectively - this is a basic requirement of a functioning environmental management system. HOBART is DIN EN ISO 9001 certified since 1996.
- The determination of responsibilities by the management is also a fundamental instrument for reaching our environmental goals. This is coordinated by our environmental manager and documented in the environmental management handbook.
- Detailed environmental goals are defined on a regular basis in order to continuously improve our operative- and most importantly product related environmental management system.



ENVIRONMENTAL MANAGEMENT SYSTEM

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- The extent of these environmental goals is defined by our environmental policy. An environmental programme is installed in order to implement these goals. This system is continuously reviewed with specific environmental audits.
- In case of any deviations, resulting from environmental audits or management reviews, appropriate corrective measures are defined. These are documented and integrated into the environmental programme for implementation.
- This system allows us to achieve a continuous improvement process, both for an operative and product related protection of the environment.
- The aim of this sustainability report is to reveal our environmental performance to the public.





OVER 100 YEARS OF HOBART

- 1883 Charles Clarence Hobart manufactures his first motors in Middletown, Ohio
- 1897 Foundation of the HOBART Electrical Manufacturing Company
- 1903 HOBART produces the first coffee grinder
- 1914 HOBART manufactures the first planetary mixer
- 1930 Foundation of the HOBART machine company in Hamburg
- 1953 HOBART is granted the US patent for the first conveyor warewasher
- 1960 First HOBART production in Offenburg
- 1980 Construction of Elgersweier production plant
- 1999 Integration into the *ITW* group
- 2007 HOBART PREMAX defines a new era in warewashing technology
- 2009 HOBART introduces SENSOTRONIC – the world's first intelligent warewashing control system
- 2010 10th record-setting year for HOBART



PRODUCTS

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Business Areas:

- WAREWASHING
- COOKING
- FOOD PREPARATION
- REFRIGERATION
- WASTE TREATMENT
- SERVICE

Products manufactured in Elgersweier:

Undercounter Machines, Hood Machines, Utensil Warewashers,
Conveyor Rack Type Warewashers, Conveyor Flight Type Warewashers, Customized Warewashers,
Trolley Washing Machines, Waste Treatment Systems, Conveyor Systems



The European development department is located in the Offenburg-Elgersweier competence center.

The plant is divided into the following sections: incoming goods, production and dispatch. Production comprises the areas of sheet metal construction, welding and assembly.





PRODUCTION PROCESSES

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High Quality and Durability are main characteristics of our products. For this reason, our warewashing machines are manufactured from stainless steel.

The incoming raw stainless steel sheets are processed with computer controlled, waste optimized laser cutting machines.

Further processing steps are bending and welding which forms the housings.

During subsequent assembly, in-house parts are combined with bought-in components.

Finally a test run is conducted on the finished machines in order to assure their correct operation.

The products are then dispatched directly to the customer or via a logistics center.

The following environmentally significant factors are to be taken into consideration in the context of our operational activities:

Direct environmental aspects	Evaluation
Energy consumption on site	++
Water consumption on site	+
Avoidance, reuse, recycling and disposal of wastes	+
Emissions of air pollutants on site or in combination with transports	+
Noise emissions on site	+
Soil use and contamination	+

Evaluation criteria: ++ = very important
 (with reference to the + = important
 Offenburg-Elgersweier site)

Our primary sources of energy are electricity and natural gas.

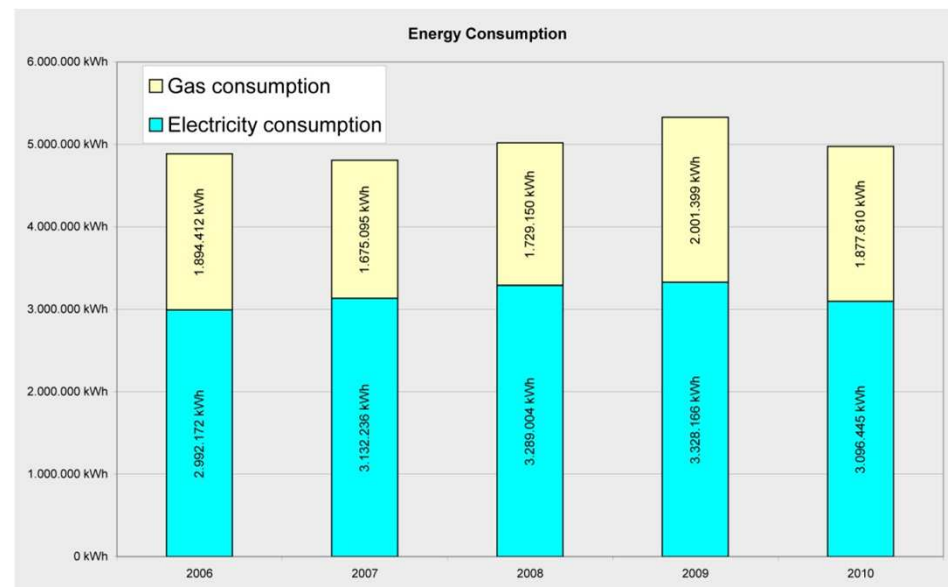
Electricity is mainly used for operation of production machinery, for lighting, for air conditioning of offices and for test runs on our products.

Natural gas is required for operating our heating system and for providing steam and hot water for the test benches.

As illustrated by the graph, energy consumption at the Elgersweier site has nearly been constant since 2006.

However, the number of annually produced machines was almost tripled during the same period of time.

This shows the high importance of energy consciousness at Hobart.





DRINKING AND WASTE WATER

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Our drinking water we obtain from the municipal water supply.
The composition of our waste water is equivalent to that of domestic waste water.
A large proportion of water is consumed by the sanitary facilities. Water consumed in production is largely related to test runs on products. In order to maintain our high quality standard, the number of test runs cannot be reduced.

Our primary target is to achieve savings in water, energy and chemicals during the use phase of our products.

A significant proportion of our waste **is subject to recycling.**

- By applying waste-optimized sheet metal cutting technology, the amount of Cr/Ni waste is reduced to a minimum.
- The majority of purchased parts are delivered in reusable packaging or in multi-unit rather than single packaging.
- Returned machines are dismantled, the materials separated and recycled.

Air

Air contaminating emissions are mainly caused by the heating system which is subject to regular emission monitoring.

Used air from the laser cutting machines is treated with a special filter system before it is returned to ambient air.

The same applies to the air from the belt sanding machines.

Noise

On site noise emissions are monitored regularly. The main sources of noise are the die cutters, hand sanders, tube saws and the troval system whereas this unit is encapsulated for noise reduction.

The internal noise level is further reduced by the use of sound absorbing panels in the more noise intensive areas. All noise sources are located inside the buildings.

There have never been any complaints from neighbouring residents regarding noise emissions.

Soil

The Elgersweier plant was built on former agricultural land which was free of any contamination. Since its erection in 1980, HOBART has continually adopted protective measures to avoid any potential soil contamination.

With the use of suitable collection and retention vessels, appropriate care is taken when storing and transporting substances which may be hazardous to water.

The surrounding green areas are maintained on a regular basis by a landscape gardener.

The following environmental aspects are to be taken into consideration in the context of our manufactured products:

Indirect environmental aspects	Evaluation
Energy consumption during the use-phase of our products ¹	++
Water consumption during the use-phase of our products ¹	++
Consumption of chemicals during the use-phase of our products	+
Transport and disposal of packaging	+
Disposal and recycling of product at end-of-life	+
Environmental performance of suppliers	+

Evaluation criteria:

++	=	very important
+	=	important

¹ The focus of our environmental aspects is on product life cycle assessment. Above 90% of resources are consumed during the use-phase of our products – only a small percentage is used for manufacturing and transport.

In Product Development, product related environmental aspects are considered as follows:

- Energy reduction during operation of our products is achieved by optimising the heat systems, applying heat insulation to surfaces as well as the application of efficient heat recycling systems and heat pumps.
- A reduction in water consumption is achieved by an appropriate design of cleaning and rinsing systems and the use of corresponding filter systems.
- The amount of chemicals required for the operation of our warewashers (detergents and rinse aids) is directly proportional to the volume of consumed water. Therefore a reduction in water consumption results in a lower consumption of chemicals.
- A reduction in water, power and chemicals consumption is achieved by intelligent washing systems. Misuse of the operator is eliminated by innovative technology and therefore reduces consumption to a necessary minimum.
- The packaging required for the transport of our products is made from recyclable materials.
- Consideration of environmental compatibility for the materials as used for the production of our products.
- Environmental aspects are considered during selection of our suppliers. Appropriate checklists are used or audits conducted.



Intelligent warewash control system

SENSOTRONIC automatically adjusts consumption to the actual load in the flight-type or rack-type warewasher. The system autodetects the amount of washware as well as empty conveyor belt sections, and reduces the consumption to a necessary minimum.

Depending on the system, SENSOTRONIC reduces the consumption up to 10% compared to previous PREMAX FTP models.

In addition, the system check BEST START makes operation easier. After switching on the flight-type warewasher, the relevant parameters for hygiene and proper washing are automatically checked by the system for correct positioning and operation.

SENSOTRONIC even takes it a step further:

In systems equipped with a tray-return conveyor belt in front of the flight-type warewasher, it automatically adjusts the machines' conveyor-belt speed according to the actual return belt load. In dual-tank systems, SENSOTRONIC keeps one wash tank on standby until the warewasher reaches its full capacity.

SENSOTRONIC reduces the consumption up to 20%.

SENSOTRONIC is an intelligent new wash system that has raised the standards in economical warewashing. It protects the environment with lower water, power and detergent consumption at the same time.

Further optimization of the warewashers with the aim of protecting the environment and improving customer value.

This includes:

- **Saving of resources**
 - energy
 - water
 - chemicals
- **Intelligent wash system**
 - avoid operating errors by the user
 - margin consumption to a necessary minimum
- **User friendly**
 - easy operation
 - self cleaning
- **Availability**
 - automatic detection and logging of errors
 - early warning in case of imminent parts failures
 - service friendly
 - remote diagnosis
- **Power adjustment**
 - depending on soiling level
 - depending on washware type
 - depending on washware quantity

Environmental Technology Prize



The Ministry of the Environment, Climate Protection and the Energy Sector of the German federal state of Baden-Wuerttemberg has awarded the 2011 Environmental Technology Prize in the category for measuring and control technology to HOBART. The prizes are awarded for products that make a significant contribution to the protection of resources and the environment.

HOBART wins technology award in the „Measuring and Control Technology“ category for its dishwashing intelligence „SENSOTRONIC“.

TOP 100



For the third year in succession, HOBART has been named one of the 100 most innovative SME companies in Germany. In five criteria: innovation success; the degree of management promotion of innovation; the climate of innovation; innovative processes and organisation; and innovation marketing HOBART convinced at the 16th edition of nationwide business comparison.

GV-Manager's Best



The magazine has asked its readers to grade around 300 companies from a variety of fields supplying the institutional catering industry on the quality of their products, service and cost-effectiveness, and 1,217 end users took part. The result ranked HOBART on top in warewashing – Meiko and Winterhalter came second and third, respectively.

Dr. Georg Triebe Innovation Award for PREMAX



On the occasion of the 25th symposium of the German Association of Designers for the Restaurant, Hotel and Catering Business HOBART wins this prestigious award for their innovative PREMAX Technology. The Innovation Award, named after Dr. Georg Triebe, is being presented every three years. There are three award categories: product innovation, efficiency & environment, and systems innovation.

Dr. Georg Triebe Innovation Award for SENSOTRONIC

Germany's restaurant, hotel and institutional kitchen planners' association, VdF, chose HOBART to receive its product innovation award for the second time. HOBART was awarded for the company's intelligent wash system, SENSOTRONIC. This innovative technology allows PREMAX FTP flight-type dishwashers to measure the amount of washware and detect gaps on the belt, automatically adjusting both speed and consumption to requirement.

FCSI European Award



HOBART has been awarded for its new flight-type dishwasher PREMAX FTP in the category „Distinguished Development Design“ by the international association of catering trade planners and consultants, „Foodservice Consultants Society International“ (FCSI).

FCSI Innovative Product of the Year



HOBART hood-type dishwashers stand for excellent washing results and set new standards as regards economy. The FCSI organisers were so impressed by the advanced features of the HOBART machines that they presented the manufacturer with the 2010 Innovative Product of the Year Award.

Gastro Innovation Award



The HOBART PREMAX dishwasher range recently won the Gastro Innovation Award. This award is handed out by Messe Stuttgart in cooperation with DEHOGA Baden-Württemberg and the Matthaes publishing company to promote innovative, future-proof products and solutions in the hospitality industry.

FINE FOOD AWARD



At the Fine Foods Trade Show, Oceania's most important trade fair specialising in the food industry, the PREMAX FP undercounter dishwasher was awarded in the category “Best New Hospitality Equipment Product”. HOBART was the only company specialising in warewashing equipment to win one of the “Fine Food Awards” at the trade fair in Melbourne.

Mercury Award



At the ITCA EUROPE trade fair for travel and airline catering, HOBART won the prestigious Mercury Award in the equipment category. The winner of the Mercury Award was the LiNE/PREMAX system.

More awards:

- Catering Star Award
- Best in Class
- Apria Award
- Equipment & Supplies Excellence Awards
- Seatrade Insider Cruise Award
- KITCHEN Award – Technology – “Environment Week”
- Energy Star Award – Sustained Excellence
- KI – Kitchen Innovations Award



DIALOGUE WITH HOBART

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The aim of this sustainability report is to provide information in regards to environmental protection for the benefit of our customers, neighbours, suppliers, employees and fellow citizens. We invite you to an open dialogue with us.

We are fully aware that all our activities affect our common environment.

The information contained in this sustainability report is updated every year. In the interest of saving resources, we only publish this report on the Internet at the following address:
www.hobart.de .

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