



WAREWASHING
GLASSWASHER

PROFI GX

EFFICIENT – RELIABLE – INNOVATIVE



 made in germany

MADE IN GERMANY

"Made in Germany" has been synonymous with quality and reliability in the premium segment for a long time and still is today. A company can only maintain its hold on the market by keeping its promise to continually deliver high quality.

WORLDWIDE

Whether you need a completely new kitchen or a replacement item our competent subsidiaries and partners all over the world would be pleased to support you. It's nice to know we are always there.



1883 Mr. Charles Clarence Hobart builds his first engines and generators in Middletown, Ohio.

1886 J.C. Cochran receives the patent for the first dishwasher.

1897 The HOBART ELECTRICAL MANUFACTURING COMPANY was founded in Troy Ohio, through the acquisition of the engine and generator factory of the HOBART family.

1903 HOBART builds the first food processor (a self-contained powered coffee mill).

1926 HOBART purchases The Crescent Washing Machine Company, and enters the commercial warewashing market: the first warewashing machine carrying a HOBART label.

1930 Foundation of the HOBART MASCHINEN GESELLSCHAFT in Hamburg, Germany.

1953 HOBART receives the patent for the first flight-type dishwasher.

1960 Acquisition of the dishwashing department of the company K. Martin, Offenburger, Germany.

1980 Production plant in Elgersweier, Germany, was newly built.

1986 PREMARK INTERNATIONAL GROUP was formed in Deerfield, Illinois.

1997 HOBART CORPORATION'S 100th anniversary.

1999 Integration of PREMARK into ITW.

2004 HOBART relocates to Elgersweier

2006 Launch of HOBART's export activities

2007 HOBART's PREMAX line begins a new chapter in the annals of dishwashing technology. The PREMAX FTP flight-type dishwasher cuts water use by up to 50%, energy use by up to 30%, and use of chemicals by up to 80%.

2009 HOBART introduces the SENSOTRONIC, the world's first intelligent dishwashing technology

2010 Tenth record year in succession for HOBART



HOBART PHILOSOPHY

UNDERSTAND – SIMPLIFY – FOCUS – INNOVATE

This philosophy provides the continuing motivation to develop innovations, which are the best driver of economic development and a guarantee for job security. It is a philosophy of the essential, of customer value, of simplicity. A philosophy built on the conviction that things created for a purpose and with logic, do not need to be completely renewed, but must instead be subject to continuous evolution.

HOBART VISION

“WASH WITHOUT WATER“

Before PREMAX, a flight-type dishwasher with a 50 % water saving would have been utopia. At HOBART, efficiency and responsible use of natural resources when developing new machines have always gone hand in hand. With PREMAX, the company has set a further milestone, and has further extended its leadership in innovation. But even so, HOBART is not satisfied with this. The company will not diminish the pace of its innovation, and will look for further opportunities to save even more. When the day arrives that a machine is able to wash without water, we already know, it will be a PREMAX.

HOBART FOCUS

INNOVATION

Without the readiness to invest in the future, without the natural reaction of always questioning ourselves, without interdisciplinary basic research and consistent customer focus, PREMAX would be inconceivable. Worldwide, over 300 research and development engineers and global marketing teams, who identify customer requirements, as well as the company's own Tech-Center, with over 1,000 patent applications annually, develop innovative technology and make PREMAX possible.

ECOLOGY

The HOBART environmental protection program CO₂NSEQUENT has been in existence for some time. The program includes a large number of measures that are all related to protecting the environment. These measures are implemented in production, purchasing, the development and sale of products and in additional projects.

ECONOMY

Already in the early 1980s our E-formula set standards in energy saving and recovery which are still unique today. This innovative spirit found its fulfillment in the PREMAX line. The PREMAX flight-type dishwasher saves up to 50 % water, 30 % energy, and 80 % chemicals in comparison with conventional technologies, making HOBART a model in terms of efficiency and economy.



1

2

3

4

1 "A water consumption of 2.5 l but still a perfect wash result. It makes you enjoy dishwashing. To HOBART!"

2 "My dishwasher is like my Daimler. Robust and reliable. The door lock mechanism is the best: soft and noiseless."

3 "Every dishwasher has got a filter. But one filter isn't necessarily as good as the other. The HOBART filter is self-cleaning and in addition it has a pre-wash function."

4 „We're really flexible with HOBART – glasses come out of the machine either cold or warm and dry, depending on what we need. That makes life a whole lot easier."

Enrico Schulz,
Hotel Bar,
Bergen auf Rügen, Germany

Patrick O'Hara,
Irish Pub,
Cork, Ireland

Carlos Martinez
Bar Lounge,
Madrid, Spain

Marianne Wolf
Restaurant,
Göttingen, Germany



1 | WASH RESULT

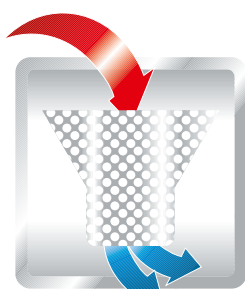
FINE FILTER SYSTEM GENIUS-X²

Permanently clean wash water is the key requirement for an optimal wash result with less detergent and water consumption. In the next generation GENIUS-X² fine filter system, the wash water is continuously led through a system of filters. During the wash cycle the majority of soil particles are removed during the first phase of draining. Any remaining soil particles are retained in the filter and are then removed during the second stage of draining, just before the final rinse. The tank water is then replenished with 2.5 liter of fresh hot rinse water. This optimal regeneration ensures a perfect wash result. The GENIUS-X² cleans itself during the draining phase. The fine filter system GENIUS-X² reduces detergent consumption by up to 30%.

RINSE SYSTEM ACCURINSE

Ensuring constant temperature and volume of clean rinse water is vital to achieve not only clean, but hygienically clean tableware. The HOBART system “pulls” rather than “pushes” the rinse water through the booster and is totally independent of flow pressure on site thus preventing any mixing with incoming cold water. Depending on the program the ACCURINSE system delivers precisely 2.5 liter of fresh water at over 65°C every cycle to ensure perfect hygiene standards. In addition the precision of ACCURINSE saves up to 30% water, energy, detergent and rinse aid.

HYGIENIC – CLEAN



The fine filter system GENIUS-X², with integrated pre-washing process, filters the wash water continuously and then pumps out the soil particles.

RINSING AQUA-PLUS

The rinsing of higher glasses or glasses of critical shape makes high demands on the final rinsing. The separately selectable program AQUA-PLUS rinses the glasses with an increased quantity of fresh water.

WASH SYSTEM ROTOR

HOBART glasswashers are equipped with a top wash arm. The double top and bottom wash action allows washing small tableware in addition to glasses. The performance depends heavily on a reliable wash system. The ROTOR wash system is continuously efficient. Separate, rotating wash and rinse arms at the top and bottom are driven by the water pressure. Every corner of the wash chamber is efficiently covered by the dynamic water action, during the wash as well as during the rinse.

ECONOMICAL



The wash system ROTOR increases the safety reserves and guarantees a constant wash result.



1 | WASH RESULT

PATENT

WIDE ANGLE NOZZLE FAN

Wash efficiency depends largely on the distribution of the wash water and on avoiding any masked areas. Spraying angles and the precision of the wash jets are vital factors in achieving a powerful, searching wash action and the HOBART designed wide angle nozzles FAN provide a substantially broader and more precise spray pattern. Compared with conventional wash arm systems the wash water is disturbed more efficiently, masking is avoided and the wash result, especially in the corners, is considerably improved.

STRAINER CONTROL SYSTEM PROOF

Clean wash water and accurate detergent dosage are key factors in achieving a clean and hygienic wash result. An efficient filter system is useless if it is not in the right position.

The strainer control system PROOF has an interlock which is continuously monitored by the SMARTRONIC control. The wash cycle can only be activated if the filter is correctly positioned.

HEAT ELEMENT ECOTHERM

A consistently high wash temperature extracts maximum cleaning performance from the wash water. HOBART research has established that higher washing temperatures optimize detergent performance. ECOTHERM ensures a constant 55°C even during continuous use. The extra heat absorbed by the washed ware also improves the drying result.

EFFICIENT – PRECISE

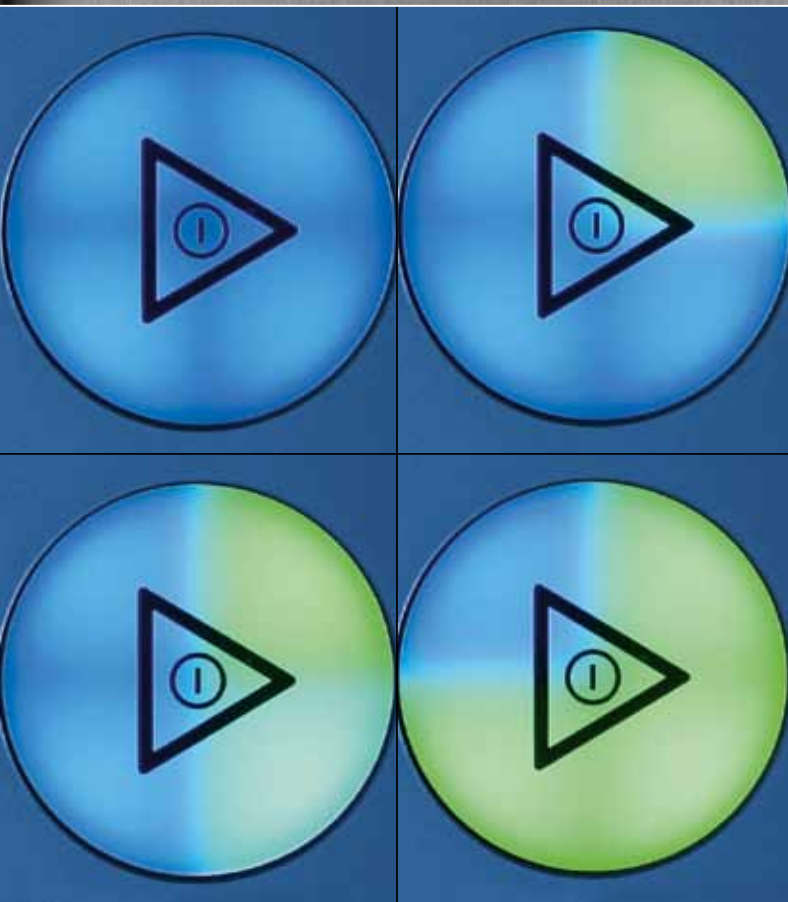


The wide angle nozzle FAN avoids spray shadows and improves the wash result.

SAFE – CONSTANT



The wash cycle can only be activated if the filter is correctly positioned.



2 | HANDLING

SINGLE BUTTON SMARTRONIC

In any busy establishment the dishwasher must be easy to operate and customers tell us that having simple, understandable controls is of big importance.

The SMARTRONIC control with single button operation indicates the machine status in clear, self explanatory colours. Only the essential functions such as filling and heating, washing and rinsing, ready for use, and draining are indicated. Incorrect operation and misuse are eliminated and additional functions can be accessed as required.

REMAINING TIME INDICATOR

The remaining time indicator visibly shows the progress of the running wash program. The four segments of the STARTER colour up clockwise in sequence. Even in peak times personnel can set their priorities at a glance and work more efficiently.

EASY – INTELLIGENT



The simple SMARTRONIC control combines the most important functions into just one STARTER button.

PATENT

HYGIENE CYCLE ACTIVE

A dirty dishwasher cannot deliver clean results and over a period of time dirt particles, starch and sometimes lime can be build up inside the machine leading to bacteria and poor machine hygiene.

Together with the specially formulated INTENSIVE chemical tablets HOBART's ACTIVE hygiene cycle effectively removes these deposits from the wash tank and chamber leaving a clean machine with a fresh smell.

SMOOTH COUNTERBALANCED DOOR

Hydraulic shock absorbers give the spring loaded door a gentle opening and a silent closing. The flat rack slides on the inner door make loading and unloading easy from all sides.

INTERGRATED CHEMICAL CONTAINER

Optional large liquid containers for rinse aid and detergent (the largest on the market) cut the number of refill times and save space next to the machine. The generously dimensioned container openings make it easy to fill the containers without spillage on a busy day. The reserve indicator on the control panel alerts you to a low fill level to make sure you fill the detergent and rinse aid containers on time. This guarantees an ideal wash result.

O-LEVEL CHEMICAL SENSOR

For machines with integrated containers detergent and rinse aid are essential for a clean and sparkling wash result. The integrated chemical sensor of the detergent container and the rinse aid container show in time, when detergent or rinse aid has to be refilled. The wash program doesn't have to be interrupted at once. Dosing pump is protected.

REFILL SIGNAL

For machines with external containers the integral low level signal indicates when detergent and rinse agent need refilling. This guarantees a perfect wash result every time.

SOFT – NOISELESS



The smooth counterbalanced door ensures silent opening and closing.

HIGH CAPACITY – COMFORTABLE



Large containers for detergent and rinse aid lengthen refilling intervals.



3 | RELIABILITY

QUALITY

A commercial dishwasher is used up to 85,000 times during its lifecycle. To HOBART reliability is no coincidence: therefore, our machines are repeatedly exposed to daily requirements, in order to guarantee performance after progressive use. For example the door is opened and shut more than 100,000 times.

SOFT START PROTECT

In bars and bistros glass- or dishwashers are often installed under the counter, close to guests. The PROTECT soft start considerably reduces the noise emission. In addition it avoids shaking up glasses and ware and protects components in the long run.

4 | FLEXIBILITY

RINSING HOT ↺ COLD

Dishes and wine glasses should come out of the dishwasher dry, beer and softdrink glasses preferably cool. With the HOT ↺ COLD rinse, both is possible. The rinse can be switched from HOT to COLD anytime, without waiting time. The cold rinse cools the glasses after the hot wash cycle. The glass is ready for use immediately and beer will keep a steady, finely porous foam. The hot rinse improves the self drying process. The HOT ↺ COLD glasswasher increases working flexibility, while reducing operating costs.

DRAIN PUMP

The drain pump, a standard fitting, drains the waste water into any effluent with a maximum height of 1 m.

MULTI-PHASING (230/400 V)

Multi-Phasing allows the operation of the same machine either on 230 V or 400 V. According to the local situation the phasing can be changed by simple plugging, possible at any time.

GX LOW BODY

Bars and counters often allow limited space for installation. GX low body with 700 mm heights fits in every counter – even with little space.

FLEXIBLE – COLD



Hot or cold water rinse can be selected as required.



Cold glass (left)

beer delight for the palate and the eye

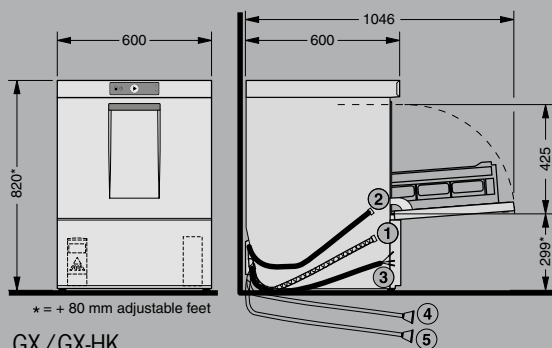
Hot glass (right)

the foam collapses quickly after pouring

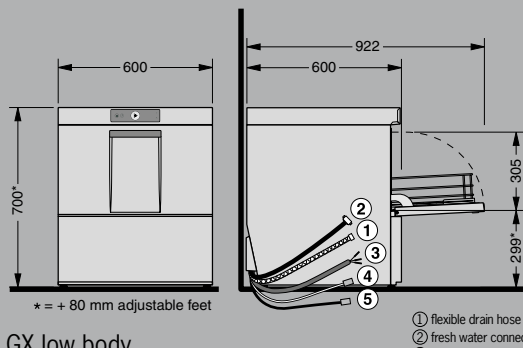
EASY – INTELLIGENT

Little sister: GX low body with 700 mm height fits in every counter – even with little space.





GX/GX-HK



GX low body

- ① flexible drain hose
- ② fresh water connection
- ③ power cord
- ④ hoses for detergent (optional)*
- ⑤ rinse agent*

*for machines with external containers

4 TECHNICAL DATA

MODEL	GX	GX-HK	GX LOW BODY
Cycle times in sec. [1] [3]	60/90/120	60/90/120	60/90/120
Capacity [2]			
racks / h	60	60	60
glasses / h	2,160	2,160	2,160
Tank volume liter	10.8	10.8	10.8
Fresh water consumption per cycle liter	2.5	2.5/4.0 (cold water rinse)	2.5
Total loading kW			
with 400 voltage	7.7	6.8	7.7
with 230 voltage	3.6	3.2	3.6
Dimensions in mm			
Width	600	600	600
Depth	600	600	600
Height	820	820	700
Loading height	425	425	305
Rack size	500 x 500 500 x 530	500 x 500 500 x 530	500 x 500 500 x 530
Features			
Rinsing HOT&COLD	–	●	–
Rinse pump	–	●	●
Drain pump	–	●	●
Rinse aid dispenser	–	●	●
Detergent dispenser	–	●	●
Rinse aid container	–	○	–
Detergent container	–	○	–
Integrated softener	–	○	○
Rack equipment	1 universal rack with 4 sloped rows	1 universal rack with 4 sloped rows	1 universal rack with 5 sloped rows

● incl. ○ optional – Not available

WATER TREATMENT

For spot-free sparkling glasses, we recommend installing a water treatment system.

PARTIAL DESALINATION CARTRIDGES

for sparkling wash results when the raw water contains minerals.

Series TE output of 7,000 to 16,000 litres at 10° d (carbonate hardness)

FULL DESALINATION CARTRIDGES

for sparkling wash results when the raw water has a high mineral content.

Series VE output of 3,100 litres at 10° d (total hardness)



[1] The machine is equipped with an automatic cycle-time control which ensures hygienic rinse temperatures even on a cold-water supply or with reduced heating performance.

[2] Theoretical performance

[3] Multi-Phasing allows the operation of the same machine either on 230 V or 400 V. The change is done by simple plugging on site when installing the machine.

WAREWASHING
GLASSWASHER

PROFI GX

EFFICIENT – RELIABLE – INNOVATIVE

BRILLIANCY FOR ALL KINDS OF GLASSES

Every complaint about spots on glasses, cutlery and saucers is one complaint too much. Every minute your personnel have to polish the kitchen ware is a minute too much. Lipstick on glasses, as well as sediments of juices is a problem difficult to solve.

With our innovative technology we have brilliant solutions, even for the most difficult problems.

The GX glasswasher is the ideal undercounter model for bars, bistros and pubs. Even with very little space in the counter: the GX low body fits in! Economical, but with a large loading capacity and highest performance.



WAREWASHING

COOKING

FOOD PREPARATION

WASTE TREATMENT

SERVICE

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EFFICIENT – RELIABLE – INNOVATIVE

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