



COMPACT GLASSWASHER GC

EFFICIENT - RELIABLE - INNOVATIVE





CUSTOMER REQUIREMENTS

EFFICIENT - RELIABLE - INNOVATIVE

- Streakfree, hygienic results
- Consistent performance
- Low running cost
- Reliability
- Easy to clean
- Easy to use

...





EASY TO USE

EFFICIENT - RELIABLE - INNOVATIVE

- Switch on
- Cycle start
- Switch off

Real single button control
„SMARTRONIC“

- Cycle selection
- Immediate off
- Service menu etc.

Colour coded
Status

- Temperatures
- Signals
- Indications



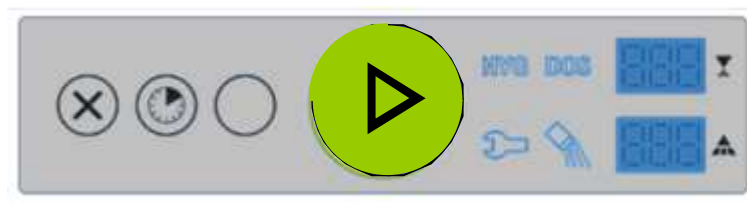
EASY TO USE

EFFICIENT - RELIABLE - INNOVATIVE

Remaining Time Indicator

The HOBART-Remaining time indicator visibly shows the progress of the running cycle.

The four segments change the colour clockwise – clear information on the status.



DEMO





EASY CLEANING

EFFICIENT - RELIABLE - INNOVATIVE



**Automatic
self cleaning
cycle**

**No dirt traps
e.g.:**

- Rounded rack track

- Smooth door design without labyrinth



EASY TO CLEAN

EFFICIENT - RELIABLE - INNOVATIVE

Hygiene Cycle ACTIVE

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** tablets HOBART's **ACTIVE** hygiene cycle effectively removes these deposits from the wash tank and chamber leaving a clean machine with a fresh smell!



PATENTED



RELIABILITY

EFFICIENT - RELIABLE - INNOVATIVE

by a structured „Advanced Quality Planning“:

- ✓ Comprehensive stress testing in the lab
- ✓ Field testing with customers
- ✓ FMEA
- ✓ Audits of suppliers, parts and manufacturing
- ✓ Automatic 100% testing after assembly





LOWEST RUNNING COST

EFFICIENT - RELIABLE - INNOVATIVE

The optimisation of the rinse system allowed to reduce the consumption down to 1.9 l/ cycle

this means:

- **34% less water**
- **34% less chemicals**
- **34% less energy**

** Comparison with former generation GC with 2.9 l rinse*



The Hobart GC is the most economical and ecological glasswasher on the market





LOWEST RUNNING COST

EFFICIENT - RELIABLE - INNOVATIVE

e.g. Switching to the new Hobart GC to wash 50 cycles/day @ 365 days could save

- **1170 kWh of energy**
- **18000 l of water**
- **63 l of chemicals**

** Per year / Comparison with former generation GC with 2.9 liter rinse*



This results in a **saving of more than 400 €p.a.**

It is also **reducing the CO₂ emissions by over 700 kg* p.a.** ... from just one machine

!!

** Based on an average of 600g emission of CO₂ per kWh currently in Germany*



CONSISTENT PERFORMANCE

EFFICIENT - RELIABLE - INNOVATIVE

Conventional glasswashers have 2 problems:

1. Debris is accumulated in the wash tank - leading to the need of regular tank water draining and refilling
2. Furthermore the hot and fresh rinse water is lost through the tank overflow system.

The unique Hobart GENIUS-X fine filter system is continuously filtering all debris out of the wash water and is pumping it to the drain parallel to each cycle. As a result the wash water is kept much cleaner.



Furthermore all the fresh hot rinse water is kept in the tank for a effective regeneration. **GENIUS-X reduces detergent consumption by up to 30% and reduces the energy consumption of the tank heater.**



CONSISTENT PERFORMANCE

EFFICIENT - RELIABLE - INNOVATIVE

Optimised Genius-X²

Already a few seconds after the start of the wash cycle most of the debris is caught by the filter system. The optimised Genius X² now is taking the soil out of the filter by a partial drain of 0.4 liter already a few seconds after cycle start.

Resulting in an even more efficient removal of debris



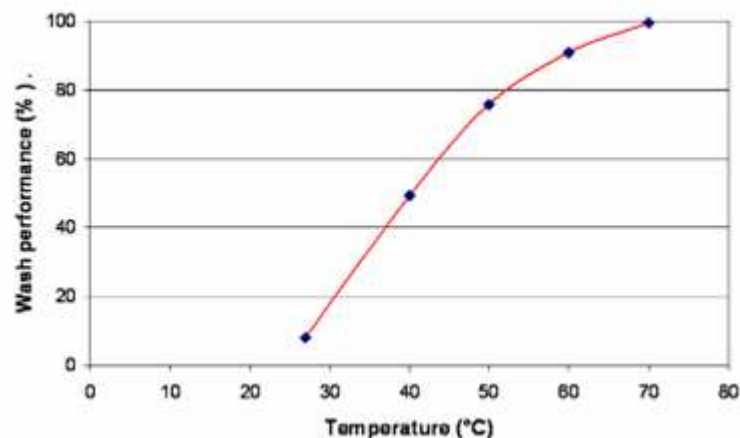
UTILITY MODEL FILED



CONSISTENT PERFORMANCE

EFFICIENT - RELIABLE - INNOVATIVE

High wash temperature is the most important element to improve the wash performance. Chemicals, water pressure and water circulation have much less importance.



The tank heating element inside the tank is easy to clean and allows to **keep wash temperature at 55 to 60°C even during full load operation.**



The 0,8 kW tank heater is not interlocked against booster/wash pump

Furthermore also the **tank size** has been reduced to **8 liters only**



CONSISTENT PERFORMANCE

EFFICIENT - RELIABLE - INNOVATIVE

Poor results are often caused by blocked wash nozzles. This happens immediately when the tank strainer is not correctly in place

The strainer of the Hobart GC has an interlock which is continuously monitored by the SMARTRONIC control. Only if the strainer is correctly located the wash cycle can be activated.

Blocking of wash nozzles no longer is an issue





EFFICIENT WASH

EFFICIENT – RELIABLE – INNOVATIVE

Wide Angle Nozzle FAN

Washing efficiency depends largely on the distribution of the detergent solution and the avoidance of any masked areas. Spraying angles and the precision of the wash jets are vital factors in achieving a powerful, searching wash action and the new HOBART designed **nozzles FAN** provide a substantially broader and more precise spraying pattern.

Compared with conventional and fixed wash arm systems the detergent solution is disturbed more efficiently, masking is avoided and the wash result, especially in the corners, is considerably improved!!



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CONSISTENT RINSE

EFFICIENT - RELIABLE - INNOVATIVE

The rinse efficiency of conventional glasswashers fully depends on the pressure of the local water supply.

The HOBART glasswasher GC operates fully independent from the supply pressure.

The system delivers precisely 1.9 l of fresh water at constant 65°C every cycle to ensure perfect hygiene standards!





NO MANUAL POLISHING

EFFICIENT - RELIABLE - INNOVATIVE

Optional HYDROLINE PURE RO-I

- A perfect means to avoid manual polishing of glasses (and cutlery)
- The integral design allows simple and space saving installation – just 120mm height !
- The drawer design allows easy access for maintenance





INTEGRAL CONTAINERS

EFFICIENT - RELIABLE - INNOVATIVE

Important for installation in tight counter areas where there is no space for external containers

Rinse aid container

- 0.5 liter volume
- easy filling
- low level control



Detergent container

- 1.4 liter volume
- easy filling
- low level control





„HIGH“ CAPACITY

EFFICIENT - RELIABLE - INNOVATIVE

High loading:

with 315 mm the GC can easily cover
all kinds of high glasses





COLD RINSE

EFFICIENT - RELIABLE - INNOVATIVE

Some customers have the request to get glasses cold out of the process.

E.g. the German Bitburger brewery specified: not to exceed 5.8 °C temperature of the beer when using glasses directly from the glasswasher.

Therefore the GC glasswasher has a **switchable cold rinse**





EASY SERVICE

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- Good access to all components
- Automatic first fill
- Easy setting of parameters





STANDARDS

EFFICIENT – RELIABLE - INNOVATIVE

Gradual build up of wash pump power stabilizes glasses within the basket and protects delicate items. Therefore the GC glasswasher has an **automatic soft start** wash cycle

To achieve perfect results also for glasses with large deepening in the foot requires an extended rinse volume. Therefore the GC glasswasher has a **switchable extended rinse** cycle

Consistent results require precise dosing of detergent and rinse aid. Therefore the GC glasswasher has the **chemical dispenser integrated as standard**

Quiet and energy efficient by double walled design and insulated door

Easy to use and **long life time** e.g. by counterbalanced door



MAJOR CUSTOMER BENEFITS

EFFICIENT - RELIABLE - INNOVATIVE

Ease of operation

single button operation, remaining cycle time indication and color coded status

34% reduction of operational cost
by 1.9 l rinse per cycle

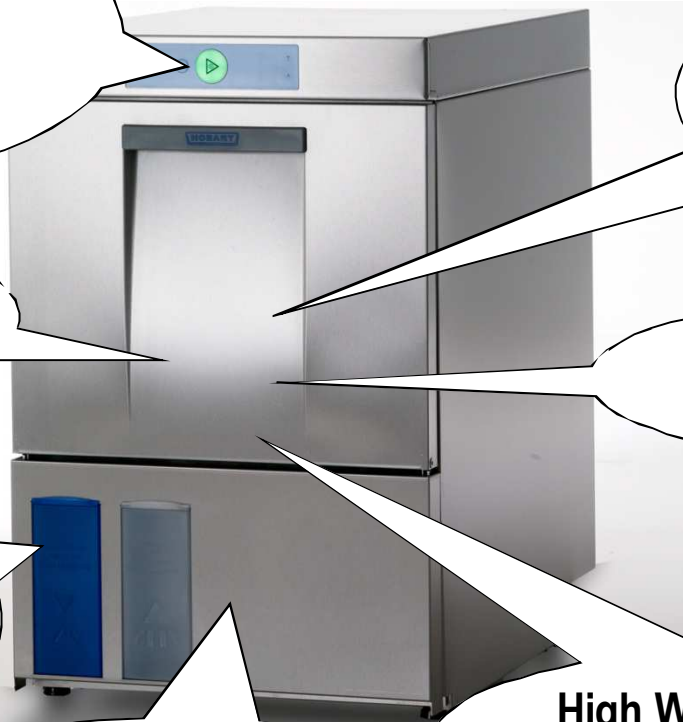
Utility Model filed
Integrated Prewash
by improved GeniusX²

No clogging of nozzles
by strainer sensor

Space saving –
high volume chemical containers as option

High Wash Performance
by optimised nozzle shape *Patent*

Ease of cleaning –
Automatic hygiene cycle





INNOVATIVE PREMAX GCP

EFFICIENT - RELIABLE - INNOVATIVE

Additional customer benefits

Patent

Integral Drying Assist

Reduced radiation of energy & humidity

Patent filed

Opening of the door *without* steam exhaust



Ease of operation - acoustic signals

Ease of operation - color coded door handle



PREMAX DRYING ASSIST

EFFICIENT - RELIABLE - INNOVATIVE

Patented Drying Assist

- Glasses ready to be put on the table
- Glasses ready to use (cooling by $>20^{\circ}\text{C}$)



No steam escape after door opening

The exhaust in the wash chamber condensates in a specific vent channel. The radiation of energy and humidity is significantly reduced.



PATENT FILED



PRODUCT RANGE

EFFICIENT - RELIABLE - INNOVATIVE

Profi GC



Premax GCP



Options:

- integral softener
- switchable cold rinse
- integral chemical containers



UNIVERSAL USE

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Ideal for Bistros:

with a specific rack and a modified temperature setting GC and Premax GCP can also be used for washing plates, cups saucers etc.



TECHNICAL DATA

EFFICIENT – RELIABLE - INNOVATIVE

– Rack capacity	48/30 racks/hour
– Cycle time	75/120 seconds
– Rack size	400 x 400 mm
– Clear entry height	315 mm
– Tank capacity	8 litres
– Water consumption per wash cycle	1.9 litres
– Electrical connection	400 / 230 V
– Dimensions (WxDxH)	460 x 590 x 700 mm

HOBART

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