

HOBART

WAREWASHING
TWO-LEVEL-WASHER TLW



DOUBLE PERFORMANCE



TOTAL PERFORMANCE IN YOUR KITCHEN

At HOBART, we take pride in providing reliable and innovative high quality kitchen equipment that has been engineered to ensure that whatever challenges the day may bring - you can make it happen with HOBART.

Let's make it happen!



**SINGLE
MACHINE**



7 MARKETS

Countless challenges

1 SOLUTION

DISH AND UTENSIL WASHER TLW



HOSPITALITY

Bar & Pub / Bistro & Café /
Hotel & Restaurant



FOODSERVICE

Hospital / Nursing home /
Canteen / Education - school & university



BAKERY

Bakery subsidiary / Production / Bakery industry



MEAT PRODUCTION

Butchery / Meat production industry



INDUSTRY



GLOBAL MARINE



AIRLINE CATERING





SOMETIMES DOUBLE DOESN'T MAKE SENSE. SOMETIMES IT DOES.

A knife with two blades doesn't make a lot of sense.
"Sometimes double doesn't make sense."

But a dishwasher with two wash levels does:
"Sometimes it does".

The new TWO-LEVEL-WASHER (TLW) is unique in the commercial dishwasher market – and a complete novelty worldwide. It's the latest invention from HOBART – the innovation and worldmarket leader for commercial warewashing technology – and boasts an additional washing compartment. A second wash cycle can take place simultaneously in the lower compartment. This means two levels are

available for double the washing volume per cycle. With its increased capacity, this unique washing solution offers great potential to relieve kitchen staff and make clean dishes quickly available for reuse. The **PROFI** TWO-LEVEL-WASHER can offer even more with additional innovative features to fulfill every customer requirement. At peak times, a great variety of different utensils need to be washed in different ways. By selecting the utensil wash programme, heavily soiled pots, pans and cutlery can be thoroughly washed in the lower compartment, whilst dishes are washed in the upper level.

NEW AND UNIQUE THE WORLD'S FIRST TWO-LEVEL-WASHER

PROFI TLW

Efficient, space-saving, flexible:

The new TWO-LEVEL-WASHER is a real all-rounder and ideal for smaller kitchens. Despite the second washing level and thanks to its compact design, the TLW does not require more space than a conventional dishwasher.



HOBART

PROFI





CLEANING INTELLIGENCE AND WASHING PERFORMANCE

on 2 levels

DOUBLE CAPACITY

Two levels for two-times
the wash volume

At peak times, the wash up area gets hot as dishes pile up and need to be washed quickly for reuse – posing serious challenges to dishwashing staff. Coming to the rescue is the new innovative TWO-LEVEL-WASHER with a second chamber where you can wash at the same time, thus doubling the capacity per cycle.

Your benefit

The best thing about the machine is its compact design. It offers double the capacity, but you don't need any more space in your wash up area than with a conventional dishwasher.

MAXIMUM FLEXIBILITY

Wash different wash ware
at the same time

Plates, coffee cups or gastronorm pans: The new TWO-LEVEL-WASHER can easily handle all of it. Wash different wash ware in two separate wash chambers at the same time. For example, while porcelain plates are being washed in the upper level, the bottom compartment of the dishwasher provides space for saucers, pans, cooking pots, cutlery or salad bowls.

Your benefit

You save lots of time and have different wash ware ready for reuse when you need it.

CLEANING INTELLIGENCE AND WASHING PERFORMANCE on 2 levels

SPACE-SAVING WASH ORGANISATION

Suitable and functional for every scullery

Heavily encrusted food on cutlery and cooking utensils is one of the most challenging tasks. To clean the wash ware, manual pre-treatment in a sizeable sink is usually required. The space for this, however, is often not available in small kitchens.

The new TWO-LEVEL-WASHER impresses not only with its compact design, but also because it has several wash programmes.

For you this means

In future, dishes can be washed on the top, while underneath heavily soiled wash ware such as pots, pans or cutlery can be washed with the specially developed utensil wash programme. Thanks to the extended washing duration, the soaking effect is integrated into the washing process. Pre-treatment of the wash ware is therefore no longer necessary. Up to three racks can be washed in the upper wash chamber at the same time.

BEST WASH RESULT

GENIUS-X² FINE FILTER SYSTEM

Constantly keeps the wash solution clean

The enhanced fine filter system cleans soiled water in just three steps, reducing detergent consumption by up to 35 %.

The tank stays clean

Coarse soil and food waste are collected in the strainer basket, preventing them from reaching the tank.

Fine soil is removed

The collected fine soil is discharged from the machine after 10 seconds.

Washing does the rest

The residual fine soil is collected during washing and then pumped out.

Bonus benefit

During pump-out, the system cleans itself automatically, meaning manual cleaning is eliminated.

INTERLOCKED STRAINER

Checks whether tank cover strainer and fine filter are correctly inserted

If the strainer system is not in the proper position, the control signals an alarm. The washing cycle can only be continued if the strainer is correctly positioned again.

For you this means

- The pump is protected against broken fragments and small cutlery.
- You benefit from a reduction in detergent consumption and operating costs.
- Soil is kept at bay.

STARCH-REMOVAL WASH PROGRAMME

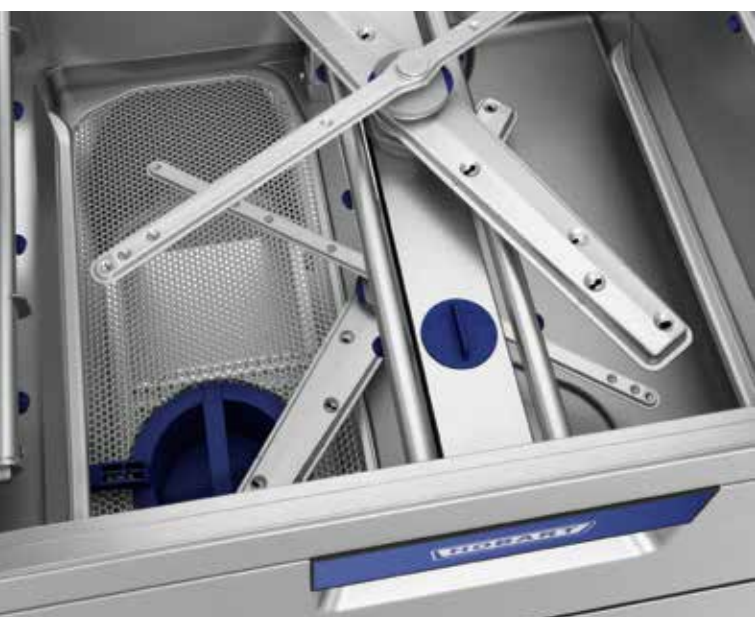
Smooth, clean plates

Rice, potatoes and pasta contain starch and tend to leave visible traces on plates and bowls. Over time, the tableware not only feels rough, but also looks matte and unhygienic.

A new shine with HOBART

The special starch-removal wash programme ensures that your plates feel completely smooth and clean again. This provides you with the following benefits:

- Time-consuming manual handling of wash ware with aggressive cleaning solutions is eliminated.
- The starch-removal cleaning programme assists your staff and guarantees shining tableware.





HIGH LEVEL OF ECONOMY

EXHAUST ENERGY STORAGE

The smart way to save energy

Energy savings - easy and convenient:

Standard exhaust energy storage significantly reduces energy consumption. Thanks to the all-round sealed hood, the hot waste steam remains in the system and is not released to the room. As a result, the stored heat energy can be used again.

The benefit

Possible savings of up to 3,120 kWh per year. Noticeable improvement of indoor climate in the wash up area.

HEAT AND SOUND INSULATED HOOD

Keep the heat in the machine

Also during operation, the heat is retained in the system. The wash water does not cool off against the 15 mm thick walls of the hood. This increases the heat utilisation and helps to save energy.

SENSO-ACTIVE RESOURCE MANAGEMENT

Responsible water consumption

The quality of the water is monitored constantly and water consumption is adapted accordingly. For low amounts of soil, water consumption remains low; for increased levels of soil, it is increased.

Reduced operating costs

Due to the innovative use of resources alone, operating costs can be reduced by 20 % compared to conventional machines.

Your benefits

- Reliable wash results even with high levels of soil.
- TWO-LEVEL-WASHER corrects operating errors.
- Consistent regeneration of the wash solution with sufficient fresh water.
- Complete pump-out and refill is no longer necessary.

EASY HANDLING

VISIOTRONIC-TOUCH CONTROL

Simple operation for everyone

Single-button control in conjunction with a colour touchscreen – it couldn't be easier. The VISIOTRONIC-TOUCH control simplifies use of your machine considerably and shows all the important information in the display using text and symbols.

Your benefits

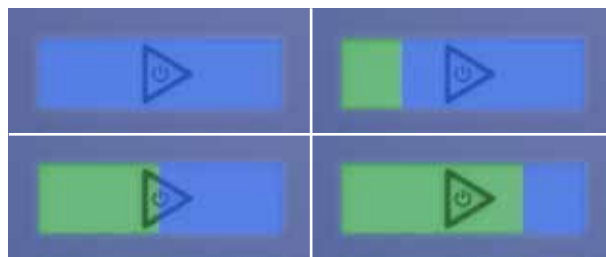
- Easy selection of programmes.
- Easy settings.
- All important information can be called up at a glance.

REMAINING TIME INDICATOR

A constant overview of the wash process

As an enhancement to the VISIOTRONIC-TOUCH control, the HOBART dishwashers display the progress of the programme.

- Blue: Programme just started
- Partly green: Machine is washing
- Green: Programme finished / machine ready to start
- Red: Error or notification



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EASY HANDLING

REFILL SIGNAL

Simple and efficient level control

When using the optional suction lances for detergent and rinse aids, the refill signal system monitors the contents of external chemical canisters. This ensures that you are provided with a timely notification of when detergent and rinse aid must be refilled, ensuring constant problem-free wash results.

INTEGRATED WATER SOFTENER

Protects against calcification and increases service life

The water softening system, which can optionally be integrated, removes minerals from the water that can cause hardness. This prevents limescale deposits that can cause increased cycle times, burnt-out heating elements and unsatisfactory wash results.

HYGIENE PROGRAMME

Eliminates germs and bacteria

Over time, limescale and soil particles can build up inside your machine. With the patented hygiene programme, germs and bacteria do not stand a chance.

Alerts on the display tell you when you should next carry out the hygiene programme. After that, it's just a case of putting a hygiene tab into the machine and starting the programme. After just a short time, your TWO-LEVEL-WASHER is hygienically clean again.

An overview of your benefits

- Fast removal of limescale deposits.
- Soil residue is cleaned from the machine.
- Provides a fresh smell.

CLIP-IN WASH AND RINSE ARMS

Make cleaning the machine as simple as possible

To make your work as easy as possible, both wash and rinse arms can be removed using the CLIP-IN system in just one step. Following cleaning, all it takes is another click to put them back in place.





EASY-CLEAN CONCEPT

Increase the durability of your machine

To maintain the high performance and durability of your dishwasher, you should clean different components daily. The parts are colour-coded to show you clearly which parts need be removed.

USB-INTERFACE

For simple data documentation

Temperature, fault messages and the selected programmes must be permanently documented for monitoring. The VISIOTRONIC-TOUCH control automatically carries out this time-intensive task.

Convenient exporting of operational and consumption data

The TWO-LEVEL-WASHER has a USB-interface for the simple downloading of operational and hygiene parameters. This enables you to save all the relevant data on an external storage device.

ADDITIONAL WASH CHAMBER

More space for increased performance

The second wash chamber of the TWO-LEVEL-WASHER makes it easy to wash GN pans and other cook ware. In addition, up to 320 pieces of cutlery can be washed per cycle in the lower level. There is plenty of space for wash ware such as salad bowls or coffee cups in the lower wash chamber of the machine.

INSTALLATION OPTIONS

For easy integration into the kitchen

The TWO-LEVEL-WASHER can be loaded with racks from both the left and right side, making it easy to integrate the machine into your kitchen processes.

A woman with her hair in a bun, wearing a red and white plaid shirt and a dark blue striped apron, is looking down at a smartphone in her hands. She is standing in a cafe or kitchen area, with a coffee grinder and other equipment visible in the background. The lighting is warm and natural, suggesting a bright day.

HOBART

**WASHSMART
HOBART 4.0**

WASHSMART

HOBART WASHSMART APP

Key features at a glance

The new HOBART WASHSMART app provides you with a comprehensive overview of the status of your machine free of charge for 5 years. Among other features, the app informs you well in advance of maintenance due dates and indicates the current operating costs and chemical consumption.

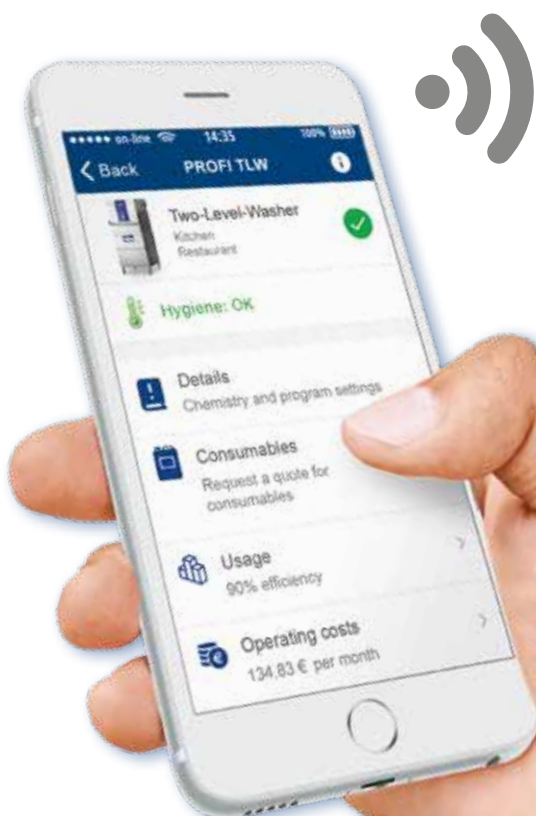
Connect, learn, benefit

Based on this data, you can avoid downtime, re-order consumables directly via the app, and contact HOBART customer service or an approved service partner. WASHSMART also provides illustrated instructions for smaller errors so that you can solve them yourself.

An overview of all functions

- Machine status (keep up-to-date regarding the statuses of all your machines)
- Fault messages (push notifications inform you of any system errors)
- Operating cost calculator (cost overview of water, detergent and power consumption)
- Information on hygiene (indication and easy download of a hygiene report)
- Ordering consumables (easy ordering of consumables)
- Usage (information about the efficient use of the machine)

You can find more information about the availability in different countries and languages at www.washsmart.info



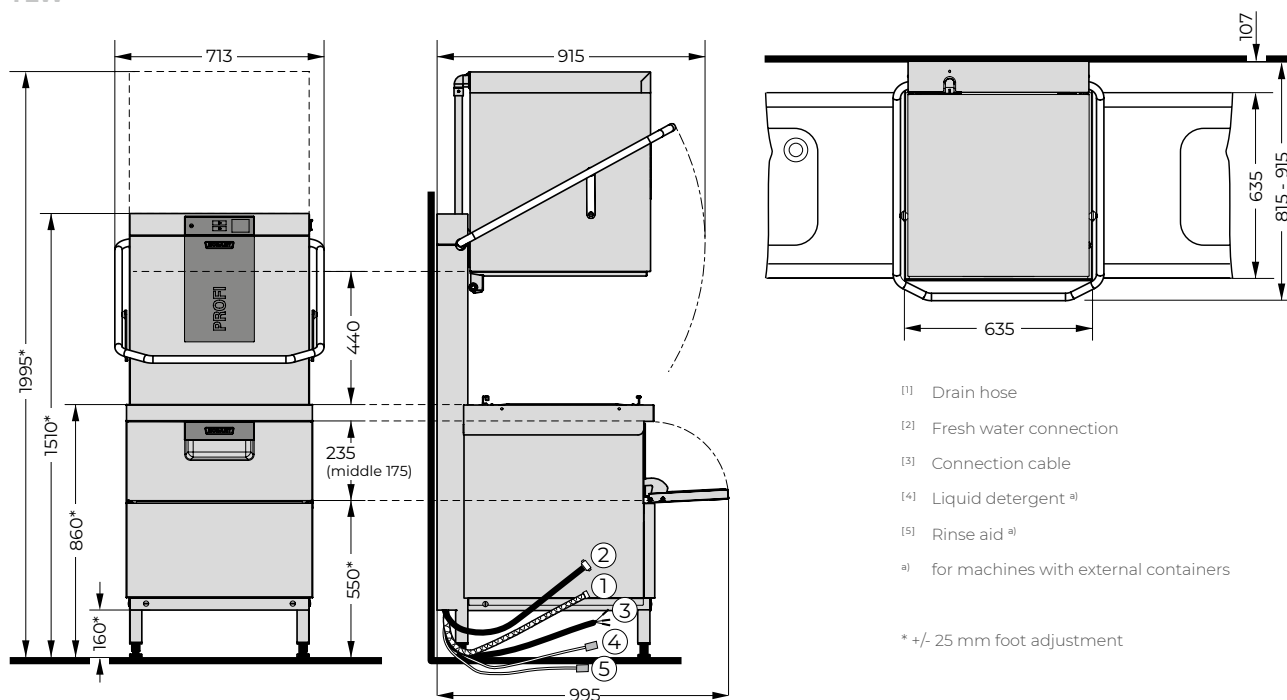
HOBART

PROFI



DRAWINGS

TLW



FEATURES

MODELS	PROFI LINE TLW
Double capacity	•
Maximum Flexibility	•
Space-saving wash organisation	•
BEST WASH RESULT	
GENIUS-X ² fine filter system	•
Interlocked strainer	•
Starch-removal cleaning programme	•
HIGH LEVEL OF ECONOMY	
Exhaust energy storage	•
Heat and sound insulated hood	•
SENSO-ACTIVE resource management	•
EASY HANDLING	
WiFi module*	•
WASHSMART app**	•
VISIOTRONIC-TOUCH control	•
Remaining time indicator	•
Refill signal	○
Integrated water softener	○
Hygiene programme	•
CLIP-IN wash and rinse arms	•
EASY-CLEAN concept	•
USB-interface	•
FLEXIBILITY	
Additional wash chamber	•
Installation options	•

● Inclusive ○ Optional – Not available

* You can find more information about the availability in different countries and languages at www.washsmart.info.

** Free use for 5 years.

TECHNICAL DATA

MODELS	PROFI LINE TLW
CYCLE TIMES*	60 / 90 / 180 sec. and special programmes
CAPACITY	
Racks	120/h
TANK CAPACITY	30 l
WATER CONSUMPTION	Upper level: 2.0 l/rack Lower level: 2.5 l/rack
WASH PUMP	1.2 kW 490 l/min
Tank heating	3.0 kW
BOOSTER LOADING	
Standard	9.1 kW
TOTAL LOADING	
Standard	13.6 kW 3 x 25 A
Alternative	10.4 kW 3 x 16 A
Power supply	400 / 500 / 3N
DIMENSIONS	
Width	635 mm
Depth	742 mm
Height	1,510 mm
Loading height	Upper level: 440 mm Lower level: 235 mm (175 mm in the centre)
Height with open hood	1,995 mm
Rack size	500 x 500 mm

* 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.

CONCEPT SOLUTIONS for optimised washing results

WATER TREATMENT

The right solution for every water quality: Water softening plant to prevent the build-up of limescale and osmosis plant for a stainless wash result.

WASHING CHEMICALS

The right detergent for every application – perfectly suited to the individual machine. The HYLINE hygienic range.





OUR VISION

Wash without water

Intensive market research has shown that our customers expect warewashing technology that combines efficiency with optimal performance. We are focused on meeting these demands, and they form the foundation for our vision to "wash without water". This vision is our continuous incentive to break new ground in order to constantly reduce the consumption of water, energy and chemicals. We continue pursuing this goal methodically and with the most innovative engineering. Indeed, we already know that:

» When the first machine is finally capable of washing without water, it will be a HOBART. «

THE COMPANY

We are HOBART

HOBART is the world market leader for commercial warewashing technology and wellknown manufacturer of cooking, food preparation, and environmental technology. Established in 1897 in Troy, Ohio, today HOBART employs more than 6,900 employees around the world. At our manufacturing plant in Offenburg, Germany, HOBART develops, produces, and distributes warewashing technology worldwide. The hotel and catering trade, cafeterias, bakeries and butcher shops, supermarkets, airlines, cruise ships, automotive suppliers, research centres and pharmaceutical companies all over the world swear by our innovative products, which are considered to be economical and ecological market leaders.



LET´S MAKE IT
HAPPEN!

MADE IN GERMANY

We provide this promise of quality to our customers, and it represents our personal standard upheld by all our staff at HOBART.



OUR FOCUS

Innovative – economical – ecological

This is our philosophy. To us, innovation means continuously setting new standards in technology, combined with real added value for the customer. Our group's Technological Centre, and our own Innovation Centre for Warewashing Technology at our headquarters in Germany, make this possible. Here, our innovative powers are combined to create highly efficient products which continuously confirm our status as technological leader. To be economical means to set standards in terms of the lowest operating costs and minimal use of resources, and to revolutionise the market continuously. To be ecological means responsible handling of resources and a sustainable energy policy. This applies not only to the product in use, but in general to all areas of the organisation, such as purchasing or manufacturing.

HOBART

Competent – fast – reliable

HOBART service technicians and HOBART service partners are the "real" experts. Thanks to intensive training and many years of experience, they have a unique and profound knowledge of the products. This means that maintenance and repair work is always carried out professionally, fast and reliably.



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