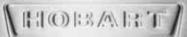


# COMBINED CATALOGUE GENERAL, G RANGE, HOOD TYPE, RACK TYPE, UPSTER, UNDERCOUNTER & WASHER



# WASH WITHOUT WATER

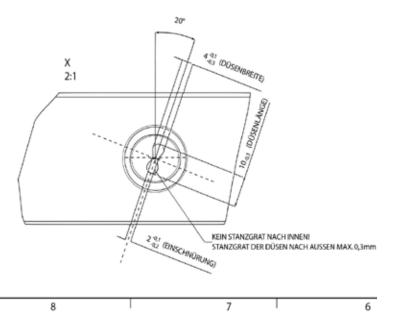






### NOBODY HAS BEEN SEARCHING FOR AMERICA.

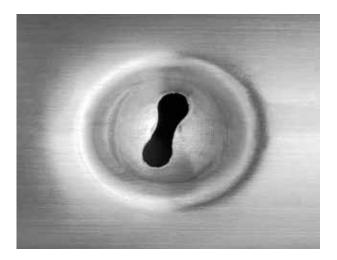
We cannot miss what we do not know. But the history of the explorers and inventors has shown us that there is always more to discover than what you aimed for. A formula for gold had not been found but one for porcelain had – By accident!



Unlike the research in the beginning, today methodology is the centre of interest. The analysis of the parameters and its effect on the result is essential for the research success. Finally it is important to take the right steps.

Have you ever asked yourself what shape the drops of water must have to cause minimum loss of evaporation on their way from the wash arm to the plate? Our team at the Technology Center of our mother company Illinois Tool Works does! Why? Because the shape of the drops is critical to minimise loss of energy and thus reduce the total consumption of each dishwasher.

### WASH WITHOUT WATER



Based on this fundamental knowledge each influencing factor can be directed to achieve the highest possible benefit. To this end, the *ITW* Technology Center benefits from more than 100 experts in various disciplines, all of whom are available to support every development team. The advantage is that solutions can be shared with other teams. Sometimes findings which could not be used in one project can then be helpful for another one.

Practice is the third step to success. Every development team is supported by an engineer from the subsidiary company. This ensures close communication and allows basic technologies to be added to your product at an early stage of development. This makes an innovative technology possible which you can afford.

Open minded thinking at the *ITW* Technology Center prevents any barriers between the different disciplines. Promising ideas are being thought through – and even tested. If a specific benefit has been discovered during a process, we try to find out how this benefit can be used to make further improvements. So, as ideas are refined the results become more revolutionary and the development faster – resulting in more than 100 HOBART patents during the last few years. Even if we cannot wash without water yet, it does not mean that it is impossible.



# **BONDING AND DISHWASHING HAVE NOTHING IN COMMON.** OR DO THEY?

Our engineers in the *ITW* Technology Center think so. A new nozzle for a hot-setting adhesive was developed for the *ITW* subsidiary company Dynatec in order to reduce adhesive consumption. At the same time this reduction made the materials softer.

The solution, a swinging nozzle was quickly developed the adhesive consumption was reduced considerably. However, as with most new inventions it wasn't a success right from the start. Among the first developments there was a design of nozzle which tended to fan out on the surface during computer simulations – useless for adhesives but brilliant for dishwashers! At the *ITW* Technology Center there is active interdisciplinary research. The *ITW*-network allows every inventor to communicate with his colleagues.

A presentation of the "useless" nozzle prototype showed the potential of this idea of fresh water rinsing in of a dishwasher.

Finally the swinging nozzle OPTIRINSE was invented. OPTIRINSE reduces water consumption as well as energy and cleaning agent consumption by 50%.

# HOBART IS ON THE RIGHT TRACK -AND THAT'S OFFICIAL!

The development of the fresh water rinsing 50PERCENT is one of the success stories which encourages us to aim high, higher than most would think possible. Washing without water is impossible? But then some would think it was also impossible to save 50% in one step of development.

Intensive basic research, inclusion of new, advanced technologies in the products, and continual reviewing and checking what we have achieved so far, have made HOBART leaders in the market and in technology. HOBART would not be HOBART if we didn't think ahead. Together with one of Germany's advancing technical colleges in Münster HOBART has initiated the research project **REWARD** – **R**esearch on **E**nergy, **W**ater and Cleaning **A**gent **R**eduction in Commercial **D**ishwashers.

The aim of this research is to reduce water and energy consumption by another 50%, as these resources become more and more expensive. Basic research is the starting point: water filtration, ozone and ultrasonic process are just a few items for development. Besides HOBART, the technical college in Münster and the University of Leunen (Belgium), there is an international group of young and innovative companies which participates in at this research assignment with a total of 1.8 Mio Euros. Within its Cooperative Research Program, the European Community has evaluated REWARD as one of the most important and supports it with 1.2 Mio Euros.





# THE RESULT

The first motor-driven coffee mill came to the market in 1903, with just one aim: to make daily work in the kitchen easier – ergonomically and economically. This mill was a HOBART-invention.

Still today this aim is our motivation to move forward and to strengthen our market leading position. **PREMAX** is the first dishwasher to incorporate revolutionary technology. The latest models offer numerous worldwide innovations and patents - exclusive to HOBART.

Fresh water rinsing 50PERCENT. Energy management TOP-TEMP. Drying manager PERFECT. Door opening VAPOSTOP. These are only a few of more than 100 patents or patents pending incorporated in the new HOBART **PREMAX** generation.



# WASH WITHOUT WATER



Without being prepared to invest in the future, without being disciplined and without sound interdisciplinary research and understanding of customers' needs, **PREMAX** would not be possible. And with the *ITW* Technology Center anything is possible – especially as HOBART knows what the market requires and what our customers want.

When eventually a machine is designed to be able to wash without water, you can be sure it will be a **PREMAX**.







#### **HOBART GMBH**

Robert-Bosch-Straße 17 | 77656 Offenburg | Germany Tel.: +49(0)781.600-0 | Fax: +49(0)781.600-23 19 info@hobart.de | www.hobart.de



# WAREWASHING GLASSWASHERS GCP/GP | GC/GX



# 650 DF ZERO



# 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!



# HOBART

-



# GLASSWASHERS GCP/GP | GC/GX



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** 



**AIRLINE CATERING** 



**GLOBAL MARINE** 





# **BETTER OR BEST** IT'S YOUR CHOICE!

The **PROFI** line – everything a professional operator needs. This successful product series from HOBART can be found working wherever the highest standards of cleanliness are required, tailored to the volumes to be washed and the degree of soiling of the wash ware. It combines efficient warewashing with ultimate user-friendliness and low operating costs. Numerous equipment options make the **PROFI** line a perfectly suited warewashing solution for any operation.

The **PREMAX** line is the perfect model for operators that need a higher level of proficiency. **PREMAX** sets the standard in all areas: with minimal operating costs and impressive user-friendliness, combined with maximum performance. The **PREMAX** line is the most economical and innovative line of dishwashers on the market. In addition to the features of **PROFI** models, **PREMAX** wins over users with its unique product characteristics, proving to be the ideal partner for the highest standards in warewashing.

#### **PREMAX** LINE

### **PROFI** LINE

# TOTAL PERFORMANCE IN YOUR KITCHEN

# THE MODELS WE HELP YOU WITH YOUR DECISION!

## PROFI GC

A smaller model for professional use in bars, restaurants and hotels. With a water consumption of just 1.9 litres this is the most economical glasswasher on the market.

Rack size 400 x 400 mm, compact installation height of 705 mm





### PROFI **GXC**

The perfect solution for high washing volumes but low installation height under the counter.

Rack size 500 x 500 mm, compact installation height of 705 mm





### PROFI **GX**

The large **PROFI** model for the bar, restaurant and hotel industry with high washing volumes.

Rack size 500 x 500 mm, installation height 825 mm







# THE MODELS WE HELP YOU WITH YOUR DECISION!

# PREMAX LINE EXCLUSIVE

### PREMAX GCP

The compact model for sophisticated needs and ease of use. The **PREMAX** GCP supports the drying process for glasses. With a water consumption of just 1.9 litres this is the most economical glasswasher on the market. No steam escapes when the door is opened.

Rack size 400 x 400 mm, compact installation height of 705 mm





### PREMAX GPCROI

The **PREMAX** GPCROI with its integrated reverse osmosis and the integrated drying is the perfect machine for producing the perfect glass. It is the ideal solution for bars and counter areas, as no steam escapes when the door is opened.

Rack size 500 x 500 mm, installation height 820 mm





### PREMAX **GP**

The premium model with integrated drying provides a perfect drying result. It is the ideal solution for bars and counter areas, as no steam escapes when the door is opened.

Rack size 500 x 500 mm, installation height 825 mm





# HIGH LEVEL OF ECONOMY

#### 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.
- The glasswasher corrects operating errors.
- Consistent regeneration of the wash solution with sufficient fresh water.
- Complete pump-out and refill is no longer necessary.

#### **2IN1 DOUBLE RACK SYSTEM**

Double the wash volume – at half the costs

In hotels, cafés and bistros with a high proportion of mixed washware the capacity of the glasswasher can be significantly increased by employing the 2IN1 double rack system. Using our specialised double racking accessory and baskets the upper level can accommodate saucers and plates of up to 250 mm, whilst the bottom has room for cups, glasses and small bowls of up to 110 mm in height at the same time.

HOBART

#### Key data

- The top rack accommodates plates with a maximum diameter of 250 mm.
- The bottom rack has room for cups, glasses and small bowls of max. 110 mm height.

#### For you this means

Thanks to the optimum use of the glasswasher capacity, it is possible to reduce the consumption of water, energy and chemicals by up to 50 % compared to conventional usage.



### GLASSWASHERS GCP/GP | GC/GX



# **BEST WASH RESULT**

PREMAX LINE EXCLUSIVE

#### **TOP-DRY DRYING**

For the best drying result

Drying wet washware is laborious and time consuming: HOBART TOP-DRY drying provides you with first-rate drying results. Here, once the washing process is complete, the humid air is converted using a hydro-thermal energy storage system, and reintroduced into the wash chamber as hot drying air.

#### Your benefits in short

- Moisture can no longer be deposited onto the wash ware.
- Tableware and glasses no longer need to be dried and polished by hand.
- The room climate feels more comfortable because 90 % less moisture is generated.
- In peak times when you cannot wait for the end of the washing cycle, you can interrupt the drying process at any time.

As the drying system uses humid air from the wash chamber and converts it into hot, dry air, there is no need for any additional energy consumption.





# **BEST WASH RESULT**

#### GENIUS-X<sup>2</sup> 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

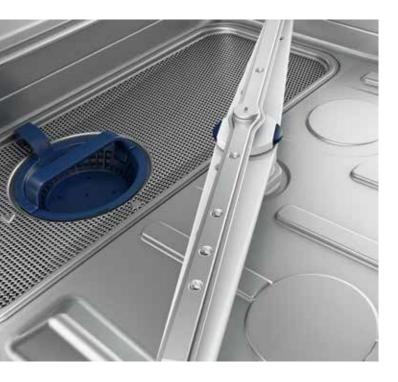
The collected fine soil is discharged from the machine after 10 seconds.

#### 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.



#### **REVERSE OSMOSIS**

Removes water stains before they appear

Unsightly stains on glasses? Minerals in water often leave visible residues when glasses are dried, thus creating a bad impression.



**Put an end to this:** The integrated reverse osmosis RO-I or its optional free-standing counterpart, RO-S, means there's no need to exert yourself with postwash polishing. Hygienic risks as a result of manual polishing are prevented in advance. Because all stain-causing minerals are removed, dishes and glasses leave the machine looking clean and sparkling.

#### Important note

The compact GC, GCP and GXC models are available with the integrated reverse osmosis RO-I. The freestanding RO-S is available for all undercounter models. The GPC is only available with RO-I.

#### 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.

#### WIDE-ANGLE NOZZLES

For cleanliness in every corner

The wash result depends on several factors: One important factor is the precise distribution of the water and the cleaning agent. For the wash nozzles to be most effective, they were given a special shape by HOBART so that, compared to conventional systems, they cover a larger area in a more accurate manner.

#### Your benefit

The wash result, especially in the corners, is improved considerably.

#### SPECIAL PROGRAMMES

Make your glasses glisten

Do you carefully wash your glasses by hand or feel dissatisfied with your machine's wash result? Then you can rely on our special programmes.

**Intensive programme:** Tall glasses are rinsed with an increased quantity of fresh water to remove any residual detergent that may have become stuck on the deep base.

**Cold rinsing:** Glasses are cooled with cold water immediately after rinsing. This means glasses can be used again immediately at busy times in bars or beer gardens. It also means the drink won't get warmed up by the glass, meaning the beer will keep its foamy head.

**Basic cleaning programme:** New glasses often have a protective coating. Our special basic cleaning cycle removes the coating before the first use at the touch of a button.





# EASY HANDLING

PREMAX LINE EXCLUSIVE

#### **VAPOSTOP**<sup>2</sup>

Puts an end to clouds of steam

We all know the feeling of opening the glasswasher right after it has finished and being met with a cloud of hot steam in the face.

**Those days are over:** The innovative VAPOSTOP<sup>2</sup> uses a ventilation system to extract the hot 60 °C waste steam from the inside of the machine, thereby preventing the steam from escaping.

#### A brief overview of the advantages

- Removing the wash ware is much more pleasant for staff.
- Customers at the bar are not disturbed by escaping steam.
- Wooden bar tops and kitchen cabinets are protected.
- 90 % less steam escapes into the room.

#### **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.





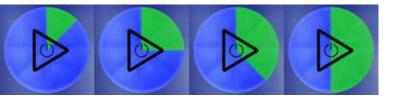
# EASY HANDLING

#### **REMAINING TIME INDICATOR**

A constant overview of the wash process

As an enhancement to the VISIOTRONIC-TOUCH control, the HOBART glasswashers 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



#### **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 glasswasher 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 the washing attachment back in place.

#### SOFT-START WASH PUMP

For a quiet start to the wash

In bistros and bars, the glasswashers are often installed in the counter area, in the immediate vicinity of your customers. So that they can continue their conversations in peace, the SOFT-START wash pump ensures a quiet, soft start to the washing cycle.

#### INTEGRATED CHEMICAL CONTAINERS

Save space and top up your hygiene products with ease

The integrated chemical containers for rinse aid and detergent can also be installed in the machine. The large openings mean it is easy to top them up without spillage.



#### **REFILL SIGNAL**

Simple and efficient level control

The refill signal system monitors the contents of external as well as integrated chemical containers. 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.

#### **USB-INTERFACE**

For simple data documentation

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

# Convenient exporting of operational and consumption data

The glasswasher 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.



# **RELIABILITY & FLEXIBILITY**

#### MULTI-PHASING (230/400 V)

Guarantees flexibility for starting up the machine

You can either operate your glasswasher with 230 V or 400 V. Changes can be made at any time through simple re-plugging.

#### **705 MM INSTALLATION HEIGHT**

Designed with every type of counter in mind

Compact and space-saving: The undercounter glasswashers **PROFI** GC and GXC as well as **PREMAX** GCP fit under every type of counter with their installation height of only 705 mm.

#### SMOOTH COUNTERBALANCED DOOR

Soft, silent opening and closing

The glasswasher doors have gas-filled shock absorbers to protect your washware and prevent wear of the door suspension.

What's more: The flat rack guides on the inside of the door make loading and unloading the rack easy.







# 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 glasswasher 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)

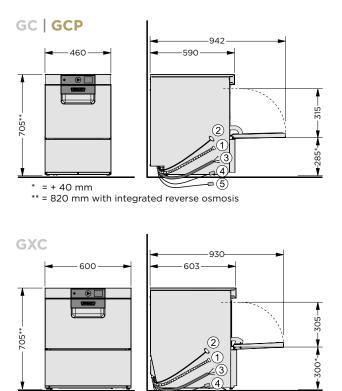
You can find more information about the availability in different countries and languages at www.washsmart.info







# **DRAWINGS**



\* = + 40 mm

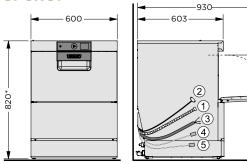
\*\* = 820 mm with integrated reverse osmosis

2(4

-305-(248)

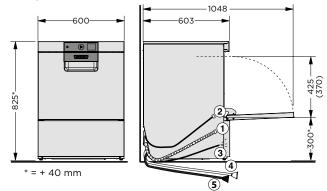
415\*

#### **GPCROI**



\* = + 40 mm





- [1] Drain hose
- [2] Fresh water connection
- [3] Connection cable
- [4] Liquid detergent
- $^{\rm [5]}$  Rinse aid  $^{\rm a)}$
- <sup>a)</sup> for machines with hose filling

# **FEATURES**

	PROFI LINE		PREMAX LINE						
MODEL	GC	GXC	GX	GCP	GPCROI	GP			
HIGH LEVEL OF ECONOMY									
SENSO-ACTIVE resource management	-	•	•	-	•	•			
2IN1 double rack system	-	-	0	-	-	0			
BEST WASH RESULT									
TOP-DRY drying	-	-	-	-	PREMAX LINE EXCLUSIVE	PREMAX LINE EXCLUSIVE			
GENIUS-X <sup>2</sup> fine filter system	•	•	•	•	•	•			
Integrated reverse osmosis RO-I	0	0	-	0	•	-			
Free-standing reverse osmosis RO-S	0	0	0	0	-	0			
Interlocked strainer	•	•	•	•	•	•			
Rinse pump	•	•	•	•	•	•			
Wide-angle nozzles	•	•	•	•	•	•			
Cold rinsing	•	•	•	•	•	•			
Intensive programme	•	•	•	•	•	•			
Basic cleaning programme	•	•	•	•	•	•			
EASY HANDLING									
VAPOSTOP <sup>2</sup>	-	-	-	-	PREMAX LINE EXCLUSIVE	PREMAX LINE EXCLUSIVE			
Integrated WiFi module*	•	•	•	•	•	•			
WASHSMART app**	•	•	•	•	•	•			
VISIOTRONIC-TOUCH control	•	•	•	•	•	•			
VAPOSTOP	-	-	-	•	-	-			
Remaining time indicator	•	•	•	•	•	•			
Refill signal	0	0	0	0	0	0			
Hygiene programme	•	•	•	•	•	•			
CLIP-IN wash and rinse arms	•	•	•	•	•	•			
SOFT-START wash pump	•	•	•	•	•	•			
Integrated chemical containers	0	0	0	0	0	0			
USB-interface	•	•	•	•	•	•			
RELIABILITY & FLEXIBILITY									
Smooth counterbalanced door	•	•	•	•	•	•			
Drain pump	•	•	•	•	•	•			
Multi-phasing (230/400 V)	•	•	•	•	•	•			

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

- Not available

\*\* Free use of the WASHSMART app for 5 years.

O Optional

Inklusive

# **TECHNICAL SPECIFICATIONS**

	PROFI LINE	Ē		PREMAX LINE			
MODEL	GC	GXC	GX	GCP	GPCROI	GP	
CYCLE TIMES*	75/120 sec. and special programmes	60/90/120 sec. and special programmes	60/90/120 sec. and special programmes	75/120 sec. and special programmes	60/90/120 sec. and special programmes	60/90/120 sec. and special programmes	
CAPACITY							
Racks	48 /h	60 /h	60 /h	48 /h	60 /h	60 /h	
Glasses	960 /h	2,160 /h	2,160 /h	960 /h	2,160 /h	2,160 /h	
TANK CAPACITY	8.0 I	10.6 l	10.6 l	8.0	10.6 l	10.6	
WATER CONSUMPTION	1.9 l/rack	2.0 l/rack	2.0 l/rack	1.9 l/rack	2.0 l/rack	2.0 l/rack	
PUMP RATING	0.4 kW   220 l/min	0.5 kW   350 l/min	0.5 kW   350 l/min	0.4 kW   220 l/min	0.5 kW   350 l/min	0.5 kW   350 l/min	
TANK HEATING	2.4 kW	1.7 kW	1.7 kW	2.4 kW	1.7 kW	1.7 kW	
BOOSTER LOADING							
Standard	4.2 kW	6.2 kW	6.2 kW	4.2 kW	6.2 kW	6.2 kW	
Alternative	2.8 kW	2.1 kW	2.1 kW	2.8 kW	2.1 kW	2.1 kW	
TOTAL LOADING							
Standard	4.6 kW   3 x 16A	6.8 kW   3 x 16 A	6.8 kW   3 x 16A	4.6 kW   3 x 16 A	6.8 kW   3 x 16 A	6.8 kW   3 x 16 A	
Alternative	3.2 kW   16 A	2.7 kW   16 A	2.7 kW   16A	3.2 kW   16 A	3.3 kW   16 A	3.3 kW   16 A	
Power supply	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)	
DIMENSIONS							
Width	460 mm	600 mm	600 mm	460 mm	600 mm	600 mm	
Depth	590 mm	603 mm	603 mm	590 mm	603 mm	603 mm	
Height	705 mm	705 mm	825 mm	705 mm	820 mm	825 mm	
Loading height	315 mm	305 mm	425 mm	315 mm	305 (248) mm**	425 (370) mm**	
Rack size	400 x 400 mm	500 x 500 mm	500 x 500 mm	400 x 400 mm	500 x 500 mm	500 x 500 mm	

Multi-phasing allows the operation of the glasswasher either on 230 V or 400 V. Changes can be made on site at any time by simple re-plugging.

\* 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.

\*\* Machines with TOP-DRY are restricted in the left rear corner

#### **CONCEPT SOLUTIONS** for optimised wash results

#### WATER TREATMENT

The right solution for every water quality: The partial and full demineralisation cartridges HYDROLINE STAR and STAR EXTRA, as well as the HYDROLINE PURE RO-I and RO-S reverse osmosis systems, guarantee spotless wash results with no additional polishing required.

#### WASHING CHEMICALS

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





#### 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.

made in germany

#### **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 SERVICE 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.



#### **DEUTSCHLAND/ÖSTERREICH** HOBART GMBH

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MIX

Die Angaben in diesem Prospekt beruhen auf dem Stand 01/2021. Technische Änderungen oder Änderungen der Ausführung bleiben vorbehalten.

The details given in this brochure are correct as of 01/2021. We reserve the right to technical or design modifications.

Document non contractuel. Les indications de ce prospectus sont conformes à la mise à jour de 01/2021. Nous nous réservons le droit de modifier les données ou les configurations techniques de nos machines.



# WAREWASHING

HOOD-TYPE DISHWASHER AUP | AMX

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HOBART

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# HOBART

# 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!





HIS BRIDE

11



**1 SOLUTION** 

# HOOD-TYPE DISHWASHER AUP | AMX



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** 



# **BETTER OR BEST** IT'S YOUR CHOICE!

The **PROFI** line – everything a professional operator needs. This successful product series from HOBART can be found wherever the highest standards of cleanliness are required, tailored to the volumes to be washed and the degree of soiling of the wash ware. It combines efficient warewashing with ultimate user-friendliness and low operating costs. Numerous equipment options make the **PROFI** line a perfectly suited warewashing solution for any operation.

The **PREMAX** line is the perfect model for operators that need a higher level of proficiency. **PREMAX** sets standards in all areas: with minimal operating costs and impressive user-friendliness, combined with maximum performance. The **PREMAX** line is the most economical and innovative line of dishwashers on the market. In addition to the features of **PROFI** models, **PREMAX** convinces operators with its unique product characteristics and providing to be the ideal partner for the highest standards in warewashing.

# **PREMAX** LINE

# **PROFI** LINE

# **THE MODELS** WE HELP YOU WITH YOUR DECISION!

# AM900 / PROFI AMX

The **PROFI** model for reliable washing of glasses and dishes.



# PROFI AMXX

The **PROFI** model for washing heavily soiled wash ware in fast programme cycles. Perfectly suited for high utilisation in restaurants and communal catering.



# PROFI AMXXL

The extra-wide **PROFI** model for reliable cleaning of baker's baskets, butcher's crates, trays, and gastronorm bowls.



# PROFI AMXT

The **PROFI** double rack machine for simultaneous washing of two glass and chinaware racks.













# **THE MODELS** WE HELP YOU WITH YOUR DECISION!

# PREMAX LINE EXCLUSIVE

# PREMAX **AUP**

The premium model for the highest standards when it comes to wash results and economic efficiency. Perfectly designed for highest utilisation and maximum soil loads thanks to the PERMANENT-CLEAN automatic soil removal.





# PREMAX AUPL

The extra-wide premium model for cleaning large-sized wash ware. The PERMANENT-CLEAN automatic soil removal makes this model ideal for highest utilisation with heavily soiled gastronorm bowls, butcher's crates, or utensils.





# PREMAX AUPT

The double-capacity premium model for simultaneous washing of two racks. Thanks to the PERMANENT-CLEAN automatic soil removal, this model is ideal for highest-capacity cleaning of heavily soiled chinaware and pans.







# **PERMANENT-CLEAN**

PREMAX LINE EXCLUSIVE \_\_\_\_

## PERMANENT-CLEAN AUTOMATIC SOIL REMOVAL

Pre-wash rinse no longer required

Thorough pre-washing by hand costs a lot in time and resources but is unavoidable with conventional machines. With the revolutionary PERMANENT-CLEAN automatic soil removal this step is no longer necessary – plates can be placed directly in the rack without pre-rinsing.

BECAUSE: all food waste is pumped straight out of the machine by the filter system. This saves on operating costs, protects the rinsing device and is environmentally beneficial.

#### **Reduced resource consumption**

Save up to 680€ per year on water, energy and cleaning agent costs. How does it work? Very simple! Filtering of the food waste prevents fine and coarse debris from getting into the dishwasher and thus contaminating the wash water. Therefore, the wash tank does not need to be constantly emptied and filled with fresh water. Instead, the machine regenerates itself as required. This means you no longer need to change the water during a dishwashing shift.

#### **Perfect machine protection**

The daily routine in a kitchen is often characterised by time pressure and hectic rush. This can mean that food waste doesn't always get completely removed from plates. But this coarse debris is often plugging the systems, so the machine can no longer perform at its full capacity.

Our solution for you: the revolutionary PERMANENT-CLEAN automatic soil removal protects your filter system under extreme conditions and prevents clogging of the sieves.

#### Your benefits at a glance

Complete a long day of dishwashing without having to change the water, but achieve a hygienically clean wash result – even when there is extreme soiling.



# HOOD-TYPE DISHWASHER AUP | AMX



# **BEST WASH RESULT**

#### PREMAX LINE EXCLUSIVE

**INTENSIVE PROGRAMME** 

Removes all soiling

Dried-on food residues stick stubbornly to your dishes? Not with the **PREMAX** hood-type dishwasher. We solve this problem with hot steam – impurities don't stand a chance.

#### How does that work?

- The structure of the encrusted food is attacked.
- The washing temperature is increased in a very short time.
- The higher temperature improves the effect of the detergent.

Even tiresome pre-soaking becomes a thing of the past. Knives, forks and spoons can be rinsed in the specially developed cutlery programme. The combination of high pressure and hot steam dissolves any remaining food residue.

#### PREMAX LINE EXCLUSIVE \_\_\_\_

#### **POWER-PLUS WASH PROGRAMME**

Phenomenal washing power against extreme soiling

For maximum performance, the switchable POWER-PLUS wash program activates a second pump in addition to each existing washing pump.

- As a result, **PREMAX** AUP und AUPL have an increased washing capacity of 1,000 l/min.
- The double-rack machine **PREMAX** AUPT even recirculates as much as 2 x 1,000 l/min.

In contrast to conventional programmes, even difficult-to-remove food residues are washed off – without the need for pre-cleaning. Yet the result is hygienically clean.



# **BEST WASH RESULT**

## **GENIUS-X<sup>2</sup> 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 system 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 also benefit from a reduction in detergent consumption and operating costs.
- Soil is kept at bay.

## **ROTOR-X WASH SYSTEM**

Unique wash arms

Unparalleled on the market: the HOBART cross joint 4-spoke wash arms excel with their superb wash performance.

- The wash arms double the contact time of the water with the wash ware.
- The washing action increases by 100 % compared to conventional wash arms.
- Wide-angle nozzles distribute the water optimally over the washing utensils.

#### Your result

An outstanding clean result over the entire surface.

The rotating ROTOR-X wash system consists of a top and a bottom cross joint wash arm. The **PREMAX** AUPT model has two cross joint wash arms.

# STARCH-REMOVAL CLEANING 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 cleaning programme ensures that your plates feel completely smooth and clean again. This provides you with the following benefits:

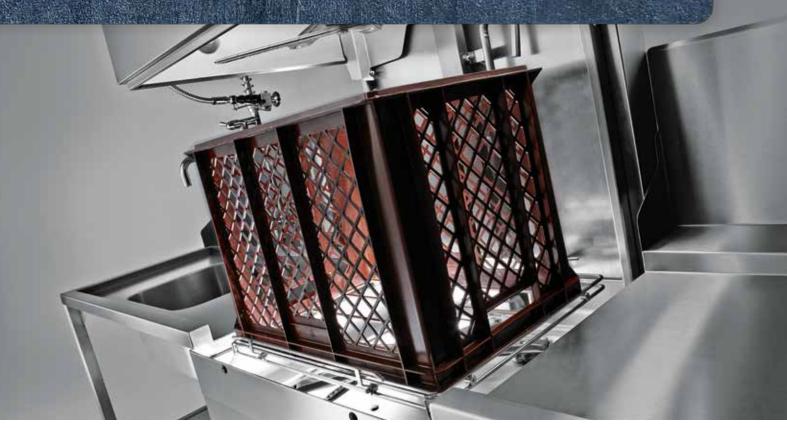
- Time-consuming manual handling of wash ware with aggressive cleaning solutions is eliminated.
- The starch-removal cleaning programme assists your staff and guarantees shining tableware.







# HOOD-TYPE DISHWASHER AUP | AMX



# HIGH LEVEL OF ECONOMY

#### PREMAX LINE EXCLUSIVE

# ECO PROGRAMME

Great performance with low consumption

Low water consumption and short cycle times are important factors for reducing costs and saving time. This is why the intelligent HOBART **PREMAX** models work with hot steam, providing you with incomparable benefits:

- The best results are achieved with up to only 1,4 l of fresh water in the rinse.
- This reduces the water and detergent consumption by up to 44 %.

#### Shorter cycle times increase productivity

For the **PREMAX** hood-type dishwasher, the shortest cycle time is only 52 seconds. This means the capacity of the machine can be increased by 17 % to 70 racks/h.

## **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 allround 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.



# **HIGH LEVEL OF ECONOMY**

## **DRAIN HEAT RECOVERY**

Sophisticated use of waste water

The energy of the 60 °C hot waste water is used to heat up the fresh water. And this is how it works: the drain heat recovery option directs the hot waste water along the fresh inflowing water. This heats the fresh water to 40 °C before it reaches its required final rinse temperature in the boiler.

#### Your benefits

Savings achieved by

• Saves up to 3,630 kWh per year.

different energy recovery systems

• Outlay cost is recouped as early as the 2nd year.

#### Total savings\* 12.000 € Drain heat recovery & exhaust energy storage 10.000 € Exhaust energy storage € 000.8 **Conventional systems** 6.000€ 4.000€ 2.000€ 0€ 5 6 7 8 9 Operation time in years

\* Calculation basis: AMXT with 100 cycles/day, 312 days/year, energy costs: 0.23 €/£0.19/kWh, volume of rinse water: 2.0 I/rack

#### 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 smaller amounts of soil, water consumption remains low; for more soil, it is increased.

#### **Reduced operating costs**

The innovative use of resources alone significantly reduces operating costs compared to conventional machines.

#### Your benefits

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

### INTELLIGENT ENERGY MANAGEMENT

Low connected load, yet short heat-up times

To reduce the total connected load of dishwashers, conventional machines reduce the heating power in the hot water tank. However, this extends the heat-up power by up to 100 %.

#### We have the solution

Thanksto HOBART intelligent energy management, the heating unit is always filled at maximum boiler capacity. This reduces the filling time. During washing, booster loading can be reduced to the minimum required, which makes energy available for the wash pump and the tank heating.

Thanks to the intelligent use of the available energy, short heat-up times with reduced total connected load are ensured.



# HOBART

# 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 the use of your machine considerably and shows all the important information on the display using text and symbols.

#### Your benefits

- Easy selection of programmes.
- Easy settings
- All important information is available at a glance.

### VAPOSTOP

Puts an end to clouds of steam

We all know the feeling of opening a dishwasher right after it has finished, and being hit in the face with a cloud of steam.

Those days are over: the optional VAPOSTOP uses a multi-stage ventilation system to extract the hot 60 °C waste steam from the inside of the machine, thereby preventing the steam from escaping.

#### The patented VAPOSTOP

- cools the transfer air
- improves indoor climate
- and makes work easy.

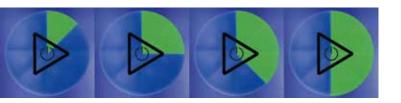


## **REMAINING TIME INDICATOR**

A constant overview of the wash process

As an enhancement to the VISIOTRONIC-TOUCH control, the HOBART hood-type 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



**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.

## **BLOCKED FILTER SENSOR**

Rinse with foresight

Sieves quickly become clogged in the presence of heavy soiling. For the dishwasher to perform at full capacity, the sieves must be cleaned regularly. But when is the right time?

The intelligent blocked filter sensor detects when the sieves need to be cleaned and lets you know with a warning on the control display.



### 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 use 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 hood-type dishwasher 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.



# EASY HANDLING

## **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 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 purposes. The VISIOTRONIC-TOUCH control automatically takes care of this timeintensive task.

# Convenient exporting of operational and consumption data

The HOBART hood-type dishwashers 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.

### **HOOD LIFT**

Simple use via one push of a button

User-friendly and energy-saving: with the optional HOBART hood lift, you can close your hood-type dishwasher with the push push of a button. After the wash process, the hood opens automatically.

# **RELIABILITY & FLEXIBILITY**

## **XL WASH CHAMBER**

More space for increased performance

Display trays, baking trays, EN containers or larger plates: with the **PROFI** AMXXL and **PREMAX** AUPL you can wash large items effortlessly. The larger XL wash chamber provides space for washware up to 600 x 400 mm, such as trays, baking trays and EN containers.



**DOUBLE CAPACITY** For large washing volumes

Get two for one: with the **PREMAX** AUPT and **PROFI** AMXT models, two racks of dishes, serving trays, compact trays and black dishes can be washed simultaneously. This avoids unnecessary waiting periods and increases your capacity.



### **INSTALLATION OPTIONS**

For easy integration into the kitchen

Hood-type dishwashers from HOBART can be installed anywhere in the kitchen and adapted to suit the workflow. The hood-type dishwashers can also be loaded with racks from both the front as well as from the left or the right. As well as installation along a wall between the loading and unloading tables, all hood-type dishwashers can be integrated into a table system as corner installations.





# 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 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, reorder 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 by 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 in case 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)

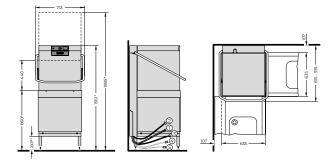
You can find more information about the availability in different countries and languages at www.washsmart.info



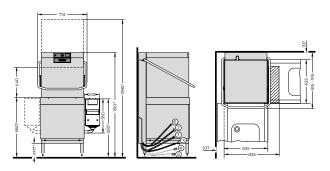


# DRAWINGS

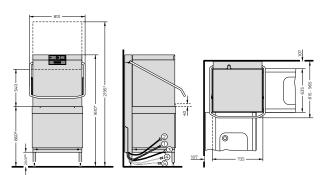
### AM900 | AMX | AMXX



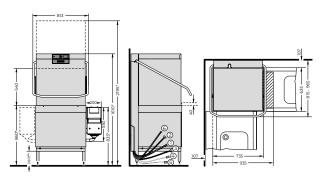
#### AUP



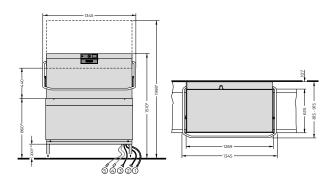
AMXXL



AUPL



#### AMXT

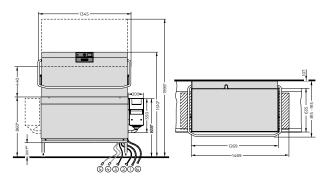


Maximum table profile height with AMXXL and AUPL in corner installation: 40 mm.

\* +- 25 mm foot adjustment

\*\* 137 mm in models with heat recovery

AUPT



[1] Drain hose

<sup>[2]</sup> Fresh water connection

<sup>[3]</sup> Connection cable

[4] Liquid detergent

[5] Rinse aid a)

[6] PERMANENT-CLEAN drain hose

<sup>a)</sup> for machines with external containers

# **FEATURES**

	PROFI LINE						
MODELS	AM900	АМХ	AMXR	ΑΜΧΧ	AMXXR	AMXXL	AMXT
PERMANENT-CLEAN automatic soil removal	-	-	-	-	-	-	-
BEST WASH RESULT							
Intensive programme	_	_	-	_	_	-	-
GENIUS-X <sup>2</sup> fine filter system	-	•	•	•	•	•	•
POWER-PLUS wash programme	-	-	-	-	-	-	-
ROTOR-X wash system	-	-	-	•	•	•	-
Interlocked strainer	-	•	•	•	•	•	•
Starch-removal cleaning programme	-	•	•	•	•	•	•
HIGH LEVEL OF ECONOMY							
ECO programme	_	_	_	_	_	_	_
Exhaust energy storage	•	•	•	•	•	•	•
Drain heat recovery	_	_	•	_	•	0	0
Heat- and soundproof hood	_	•	•	•	•	•	•
SENSO-ACTIVE resource management	_	•	•	•	•	•	•
Intelligent energy management	-	-	-	•	•	•	-
EASY HANDLING							
Integrated WiFi module*	_	•	•	•	•	•	•
WASHSMART app**	_	•	•	•	•	•	•
VISIOTRONIC control	•	_	_	_	_	_	_
VISIOTRONIC-TOUCH control	_	•	•	•	•	•	•
VAPOSTOP	_	0	0	0	0	0	0
Remaining time indicator	•	•	•	•	•	•	•
Refill signal	_	0	0	0	0	0	0
Integrated water softener	0	0	0	0	0	0	-
Blocked filter sensor	_	_	_	•	•	•	•
Hood lift***	-	0	0	0	0	0	0
Hygiene programme	-	•	•	•	•	•	•
CLIP-IN wash and rinse arms	•	•	•	•	•	•	•
EASY-CLEAN concept	•	•	•	•	•	•	•
USB interface	-	•	•	•	•	•	•
FLEXIBILITY							
XL wash chamber	_	_	_	_	_	•	_
Double capacity	_	_	_	_	_	_	•
Installation options	•	•	•	•	•	•	•

HOBART

	PREMAX LINE					
MODELS	AUP	AUPL	AUPT			
PERMANENT-CLEAN automatic soil removal	• <b>PREMAX</b> LINE EXCLUSIVE	• <b>PREMAX</b> LINE EXCLUSIVE	• PREMAX LINE EXCLUSIVE			
BEST WASH RESULT						
Intensive programme	• PREMAX LINE EXCLUSIVE	• PREMAX LINE EXCLUSIVE	• PREMAX LINE EXCLUSIVE			
GENIUS-X <sup>2</sup> fine filter system	•	•	•			
POWER-PLUS wash programme	PREMAX LINE EXCLUSIVE	• PREMAX LINE EXCLUSIVE	• PREMAX LINE EXCLUSIVE			
ROTOR-X wash system	•	•	•			
Interlocked strainer	•	•	•			
Starch-removal cleaning programme	•	•	•			
HIGH LEVEL OF ECONOMY						
ECO programme	• PREMAX LINE EXCLUSIVE	• PREMAX LINE EXCLUSIVE	• PREMAX LINE EXCLUSIVE			
Exhaust energy storage	•	•	•			
Drain heat recovery	-	-	-			
Heat- and soundproof hood	•	•	•			
SENSO-ACTIVE resource management	•	•	•			
Intelligent energy management	•	•	•			
EASY HANDLING						
Integrated WiFi module*	•	•	•			
WASHSMART app**	•	•	•			
VISIOTRONIC control	-	-	-			
VISIOTRONIC-TOUCH control	•	•	•			
VAPOSTOP	0	0	0			
Remaining time indicator	•	•	•			
Refill signal	0	0	0			

## FLEXIBILITY

USB interface

Hood lift\*\*\*

Integrated water softener

Blocked filter sensor

Hygiene programme

EASY-CLEAN concept

CLIP-IN wash and rinse arms

XL wash chamber	-	•	-
Double capacity	-	-	•
Installation options	•	•	•

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Inclusive O Optional – Not available

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

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\*\* Free use for 5 years.

\*\*\* Automatic hood lift not possible for corner installations of **PREMAX** AUP/AUPL.

# **TECHNICAL DATA**

	PROFI LINE				
MODELS	АМ900	АМХ	AMXR	АМХХ	AMXXR
CYCLE TIMES*	60 / 90 / 180 sec. and special programmes				
CAPACITY					
Racks	60/h	60/h	60/h	70/h	70/h
Plates	1,080/h	1,080/h	1,080/h	1,260/h	1,260/h
Glasses	2,160/h	2,160/h	2,160/h	2,520/h	2,520/h
TANK CAPACITY	23	23	23	40	40
WATER CONSUMPTION	2.5 l/rack	2.0 l/rack	2.0 l/rack	2.0 l/rack	2.0 l/rack
WASH PUMP	0.7 kW	0.7 kW	0.7 kW	1.1 kW	1.1 kW
Tank heating	2.5 kW				
BOOSTER LOADING					
Standard	6.2 kW	6.2 kW	6.2 kW	12.4 kW	6.2 kW
Alternative	-	-	-	6.2 kW	12.4 kW
TOTAL LOADING					
Standard	7.1 kW   3 x 16 A	7.1 kW   3 x 16 A	7.1 kW   3 x 16 A	16.3 kW   3 x 32 A	7.6 kW   3 x 16 A
Alternative	-	-	-	10.1 kW   3 x 25 A	12.7 kW   3 x 20 A
Power supply	400 / 50 / 3N				
DIMENSIONS					
Width	635 mm				
Depth	742 mm				
Height	1,510 mm				
Loading height	440 mm				
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.

	PROFI LINE		PREMAX LINE		
MODELS	AMXXL	АМХТ	AUP	AUPL	AUPT
CYCLE TIMES*	60/90/180 sec. and special programmes	60 / 90 / 180 sec. and special programmes	52 / 70 / 170 / 180 sec. and special programmes	52 / 70 / 170 / 180 sec. and special programmes	52 / 70 / 170 / 180 sec. and special programmes
CAPACITY					
Racks	70/h	120/h	70/h	70/h	140/h
Plates	1,680/h	2,160/h	1,260/h	1,680/h	2,520/h
Glasses	2,520/h	4,320/h	2,520/h	2,520/h	5,040/h
TANK CAPACITY	40 I	40	40	40 I	80 I
WATER CONSUMPTION	2.0 l/rack	2.0 l/rack	1.4 l/rack	1.4 l/rack	1.4 l/rack
WASH PUMP	1.1 kW	2 x 0.7 kW	1 x 1.1 kW + 1 x 0.7 kW	1 x 1.1 kW + 1 x 0.7 kW	2 x 1.1 kW + 2 x 0.7 kW
Tank heating	2.5 kW	3.3 kW	2.5 kW	2.5 kW	6.0 kW
BOOSTER LOADING					
Standard	12.4 kW	12.4 kW	12.4 kW	12.4 kW	12.4 kW
Alternative	6.2 kW	6.2 kW	6.2 kW	6.2 kW	6.2 kW
TOTAL LOADING					
Standard	16.3 kW   3 x 32 A	16.7 kW   3 x 32 A	17.0 kW   3 x 35 A	17.0 kW   3 x 35 A	22.5 kW   3 x 40 A
Alternative	10.1 kW   3 x 25 A	10.5 kW   3 x 20 A	10.8 kW   3 x 25 A	10.8 kW   3 x 25 A	18.7 kW   3 x 32 A
Power supply	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N
DIMENSIONS					
Width	735 mm	1,269 mm	635 mm	735 mm	1,269 mm
Depth	742 mm	742 mm	742 mm	742 mm	742 mm
Height	1,610 mm	1,510 mm	1,510 mm	1,610 mm	1,510 mm
Loading height	540 mm	440 mm	440 mm	540 mm	440 mm
Height with open hood	2,195 mm	1,995 mm	1,995 mm	2,195 mm	1,995 mm
Rack size	500 x 500 mm   600 x 500 mm	500 x 500 mm	500 x 500 mm	500 x 500 mm   600 x 500 mm	500 x 500 mm

## **CONCEPT SOLUTIONS** for optimised washing results

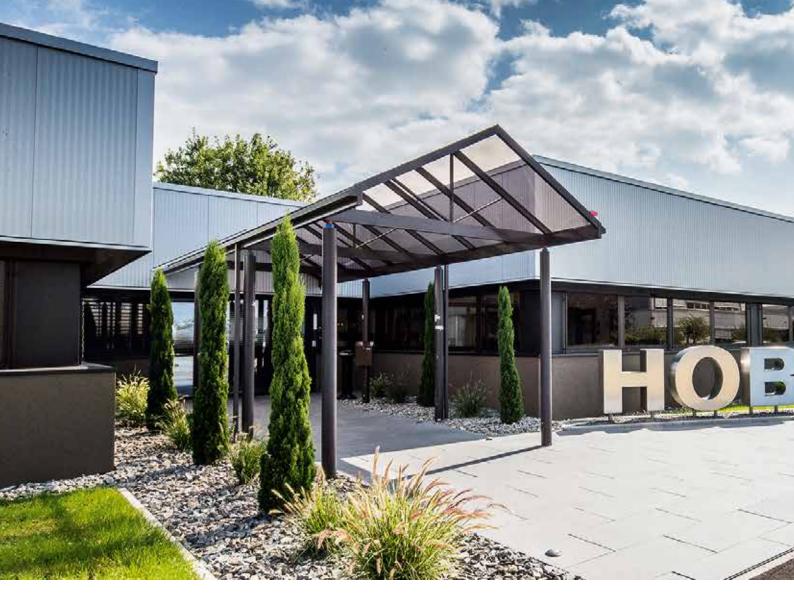
#### WATER TREATMENT

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

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### 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.

made in germany

### **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. With this combined innovative power we 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, 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 SERVICE

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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les données ou les configurations techniques de nos machines

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WAREWASHING RACK-TYPE DISHWASHER CS

(HOBART)

4



# 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!





THE PERFECT SOLUTION FOR ALL SECTORS OF INDUSTRY

## RACK-TYPE DISHWASHER CS



HOSPITALITY

Bar & Pub / Bistro & Café / Hotel & Restaurant



## FOODSERVICE

Nursing home / Canteen / School









# THE MODEL

## PROFI**CS**

The **PROFI** CS is HOBART's smallest rack-type dishwasher and stands for top quality and absolute reliability. If the capacity of a hood-type dishwasher is not sufficient to meet your needs in the wash up area, the **PROFI** CS is the perfect solution. By using the optional heat recovery, you can save up to 7 kWh of energy.





# **BEST WASH RESULT**

## **NON-CLOGGING NOZZLES**

For continuous strong washing

The indented nozzles cannot be obstructed, resulting in a constantly powerful wash and perfect quality results. The combination of four upper and three lower wash arms leads to perfect results.

## THOROUGH DUAL RINSE

With efficient usage of fresh water

A second rinse zone is integrated prior to the actual final rinse. Here, the fresh water collected in the receiving pan is used a second time in an additional pre-rinse. The optional dual rinse ensures a sparkling wash every time.



## WIDE-ANGLE NOZZLES

Even distribution of the wash water

## PRACTICAL DRYING

For a quick reuse of the wash ware

A perfect wash result means not only sparkling clean, but also dry tableware. The optional dryer fulfils these requirements quickly and precisely, allowing rapid reuse of all washed items. During the washing operation, an even distribution of the wash water is essential to achieve a perfect wash result. For the wash jets to be most effective, they were given a special shape by HOBART so that compared to conventional systems, they cover a larger area in a more accurate manner.

#### Your benefit

The even and compact distribution of the wash water on the wash ware provides for a significantly improved wash result.



# EASY HANDLING

## **ECOTRONIC CONTROL**

Easy operation of the machine



The new control panel with its clear layout ensures simple and intuitive control of the rack-type dishwasher. The ECOTRONIC control system can also be used to determine the transport speed, for which you have three options. A temperature display is also included as standard.

## WASH ARM SLIDER

Quickly ready for cleaning

Our patented wash arm sliders allow you to clean the interior of the wash arms easily and comfortably. While conventional systems required you to unscrew the end caps of the wash arms first, now a single step is sufficient to get to the wash arm opening.





## RACK-TYPE DISHWASHER CS



## COMPREHENSIVE CLEANING ASSISTANCE

Guaranteed orientation for cleaning

#### Colour-coded cleaning assistance

Daily cleaning increases the performance and service life of your dishwashing system. To assist you in recognising which elements need to be removed for cleaning, these are marked in blue.

#### **Coded curtains**

The curtains separating the different wash zones are clearly marked, preventing them from being mixed up when they are re-inserted.

#### Coded wash and rinse arms

The clear identification of the wash and rinse arms prevents them from being mixed up when they are inserted.

## **DROP-IN WASH SYSTEM**

Facilitates cleaning

Make cleaning the machine as easy as possible for yourself. Thanks to the easy removal and reliable insertion of the wash systems by means of a drawer slide, cleaning work is as easy as could be.





# HIGH LEVEL OF ECONOMY



## CLIMATE ENERGY SAVING SYSTEM

For the efficient use of energy

Lower your costs – Increase your efficiency – Protect the environment: the CLIMATE energy saving system not only helps you to prevent energy losses, but also to lower the operating costs of your machine.

### How does that work?

The energy of the hot exhaust air is continuously returned to the machine by means of a heat recovery system. Savings up to 7 kW/h are possible in this manner.

#### Your benefits

- Your machine's operating costs are significantly reduced.
- Minimised energy loss via exhaust air.
- Does not require a direct exhaust air connection to the room ventilation system

# 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 dishwasher – free of charge for 5 years. This includes, for example, that the app informs you in advance of upcoming maintenance due dates.

#### Connect, learn, benefit

Based on this data, you can avoid downtime and contact HOBART customer service or an approved service partner. WASHSMART also provides illustrated instructions for minor faults 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)
- Information on hygiene (indication and easy download of a hygiene report)
- Usage (information about the efficient use of the machine)

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

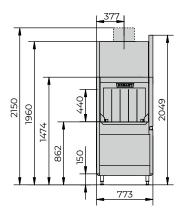


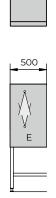


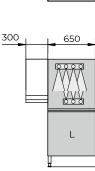
## **DRAWINGS / MODULE SELECTION**

## **ENTRY SECTION**

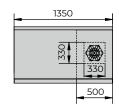
**PRE-WASH ZONES** 

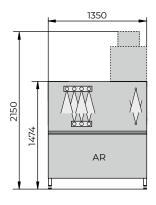


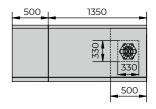


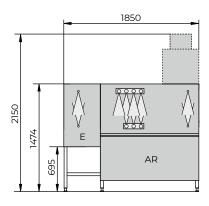


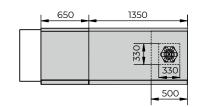
### MAIN WASH ZONES / RINSE ZONES

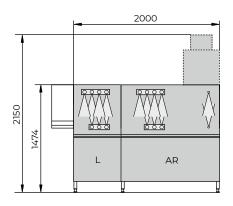












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# **TECHNICAL DATA**

## PROFI**CS**

RACKS Maximum capacity	AVERAGE WATER CONSUMPTION		ENERGY CONSUMPTION in kWh (1) (connected value in kW) for machines with	RECOMMENDED MODEL SELECTION	TOTAL LENGTH	
in number/h	in l/h	in I/rack [2]	heat recovery and drying zone		in mm, without drying zone	in mm, with drying zone
50/80/120	160	1.3	21.4 (26.8)	CS-A	1,350	2,200
70/100/150	180	1.2	22.6 (28.3)	CS-E-A	1,850	2,700
100/135/200	200	1.0	24.9 (31.1)	CS-L-A	2,000	2,850

All speeds: hygienic wash result based on DIN SPEC 10534

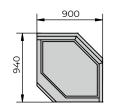
 $^{\left[1\right]}$  Average value with an exemplary set of covers and type of business

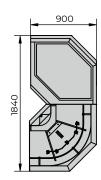
[2] Ideal values

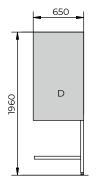
**DRYING ZONES** 

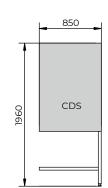


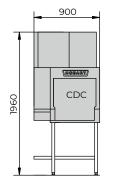


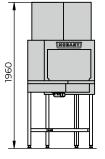














## OUR VISION

Wash without water

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made in germany

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Die Angaben in diesem Prospekt beruhen auf dem Stand 12/2020. Technische Änderungen oder Änderungen der Ausführung bleiben vorbehalten.

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# WAREWASHING UNDERCOUNTER DISHWASHERS FP | FX

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# HOBART

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# TOTAL PERFORMANCE IN YOUR KITCHEN

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Let's make it happen!





## UNDERCOUNTER DISHWASHERS FP | FX



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



**AIRLINE CATERING** 



**GLOBAL MARINE** 





## **BETTER OR BEST** IT'S YOUR CHOICE!

The **PROFI** line – everything a professional operator needs. This successful product series from HOBART can be found working wherever the highest standards of cleanliness are required, tailored to the volumes to be washed and the degree of soiling of the washware. It combines efficient warewashing with ultimate user-friendliness and low operating costs. Numerous equipment options make the **PROFI** line a perfectly suited warewashing solution for any operation.

The **PREMAX** line is the perfect model for operators that need a higher level of proficiency. **PREMAX** sets the standard in all areas: with minimal operating costs and impressive user-friendliness, combined with maximum performance. The **PREMAX** line is the most economical and innovative line of dishwashers on the market. In addition to the features of **PROFI** models, **PREMAX** wins over users with its unique product characteristics, proving to be the ideal partner for the highest standards in warewashing.

## **PREMAX** LINE

## **PROFI** LINE

## TOTAL PERFORMANCE IN YOUR KITCHEN

# THE MODELS WE HELP YOU WITH YOUR DECISION!

## PROFI**FX**

The **PROFI** model for reliable and simple washing of tableware, cutlery and glasses. Ideally suited for use in restaurants, bistros and cafés.





## PROFI FXL

The **PROFI** model with the XL depth of the wash chamber cleans baking trays and meat trays with no trouble. This makes it the ideal partner for bakers, butchers and fast food outlets.





## PREMAX LINE EXCLUSIVE

## PREMAX **FP**

The premium model with integrated drying provides a perfect drying result. With a water consumption of just 1.0 litre, the **PREMAX** FP is the most economical undercounter dishwasher on the market. It is also the only undercounter dishwasher that can use hot waste steam to manage extremely high levels of soil deposits on washware.





# HIGH LEVEL OF ECONOMY

PREMAX LINE EXCLUSIVE

## ECO PROGRAMME

Great performance with low consumption

Low water consumption and short cycle times are important factors for reducing costs and saving time. This is why the intelligent HOBART **PREMAX** models work with waste steam, providing you with incomparable benefits:

- The best results are achieved with up to only 1.0 l of fresh water in the rinse.
- This reduces the water and detergent consumption by up to 60 %.

#### Shorter cycle times increase productivity

For the **PREMAX** FP, the shortest cycle time is only 80 seconds. This means the capacity of the machine can be increased by 13 % to 45 racks/h.

## 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.

HOBARI

#### **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.
- The dishwasher corrects operating errors.
- Consistent regeneration of the wash solution with sufficient fresh water.
- Complete pump-out and refill is no longer necessary.



## UNDERCOUNTER DISHWASHERS FP | FX



## **2IN1 DOUBLE RACK SYSTEM**

Double the wash volume - at half the costs

With the double rack system, the capacity of your undercounter dishwasher is increased considerably as two racks can be washed at the same time. Here, the top rack is placed on a pull-out rack carrier.

#### Key data

- The top rack accommodates plates with a maximum diameter of 250 mm.
- The bottom rack has room for cups, glasses and small bowls of max. 110 mm height.

#### For you this means

Thanks to the optimum use of the dishwasher capacity, it is possible to reduce the consumption of water, energy and chemicals by up to 50 % compared to conventional usage.







# **BEST WASH RESULT**

#### PREMAX LINE EXCLUSIVE

## SHINE CUTLERY CYCLE

Sparkling cutlery without pre-soaking and polishing

Sparkling, clean cutlery is a requirement for all restaurants. However, cutlery with extremely stubborn soil deposits was often problematic for restaurants, and soaking before washing could not be avoided. But now.

The **PREMAX** line uses hot waste steam at 100 °C to clean knives, forks and spoons.

#### Your benefits at a glance

- Even the most stubborn soil deposits are removed.
- Solid food residue is broken down and rinsed off.
- There is no longer a need to pre-soak the items.

## PERMANENT WASH PROGRAMME

Adapt the wash time to the level of soil

Instead of running a standard programme repeatedly for heavily soiled washware, you can increase the washing time to max. 20 minutes with the permanent wash programme. The programme can be interrupted at any time.

#### The benefits for you

- There is no need to repeat the entire rinse cycle several times.
- No additional detergent dosing or rinsing is necessary.
- You benefit by saving time and operating costs.

PREMAX LINE EXCLUSIVE

## **TOP-DRY DRYING**

For the best drying result

Drying wet washware is laborious and time consuming: HOBART TOP-DRY drying provides you with first-rate drying results. Here, once the washing process is complete, the humid air is converted using a hydro-thermal energy storage system, and reintroduced into the wash chamber as hot drying air.

#### Your benefits in short

- Moisture can no longer be deposited onto the washware.
- Tableware and glasses no longer need to be dried and polished by hand.
- The room climate feels more comfortable because 90 % less moisture is generated.
- In peak times when you cannot wait for the end of the washing cycle, you can interrupt the drying process at any time.

As the drying system uses humid air from the wash chamber and converts it into hot, dry air, there is no need for any additional energy consumption.

## STARCH-REMOVAL CLEANING 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 cleaning programme ensures that your plates feel completely smooth and clean again. This provides you with the following benefits:

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





# **BEST WASH RESULT**

## GENIUS-X<sup>2</sup> 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.



### **REVERSE OSMOSIS**

Removes water stains before they appear

Unsightly stains on glasses, plates or knife blades? Minerals in water often leave visible residues when dishes are dried, thus creating a bad impression.



**Put an end to this:** With the optional reverse osmosis RO-S, troublesome polishing is not necessary. Hygienic risks as a result of manual polishing are prevented in advance. Because all stain-causing minerals are removed, dishes and glasses leave the machine looking clean and sparkling.

#### Important note

The free-standing RO-S is available for all undercounter models.



## **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.

## WIDE-ANGLE NOZZLES

For cleanliness in every corner

The wash result depends on several factors: One important factor is the precise distribution of the water and the cleaning agent. For the wash nozzles to be most effective, they were given a special shape by HOBART so that, compared to conventional systems, they cover a larger area in a more accurate manner.

#### Your benefit

The wash result, especially in the corners, is improved considerably.



# EASY HANDLING

PREMAX LINE EXCLUSIVE

## **VAPOSTOP**<sup>2</sup>

Puts an end to clouds of steam

We all know the feeling of opening the dishwasher right after it has finished and being met with a cloud of hot steam in the face.

**Those days are over:** The innovative VAPOSTOP<sup>2</sup> uses a ventilation system to extract the hot 60 °C waste steam from the inside of the machine, thereby preventing the steam from escaping.

#### A brief overview of the advantages

- Removing the washware is much more pleasant for staff.
- Customers at the bar are not disturbed by escaping steam.
- Wooden bar tops and kitchen cabinets are protected.
- 90 % less steam escapes into the room.

## **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.





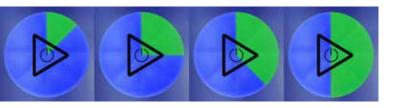
# EASY HANDLING

## **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



### **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 dishwasher 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.

### **REFILL SIGNAL**

Simple and efficient level control

The refill signal system monitors the contents of external as well as integrated chemical containers. 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.

## **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 the washing attachment back in place.

## SOFT-START WASH PUMP

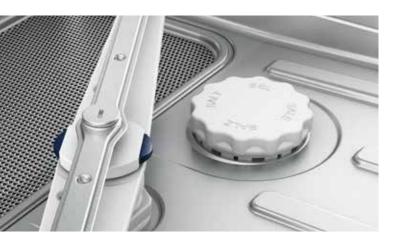
For a quiet start to the wash

In bistros and bars, the dishwashers are often installed in the counter area, in the immediate vicinity of your customers. So that they can continue their conversations in peace, the SOFT-START wash pump ensures a quiet, soft start to the washing cycle.

## **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.



### INTEGRATED CHEMICAL CONTAINERS

Save space and top up your hygiene products with ease

The integrated chemical containers for rinse aid and detergent can also be installed in the machine. The large openings mean it is easy to top them up without spillage.



### **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 dishwasher 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.



# **RELIABILITY & FLEXIBILITY**

## MULTI-PHASING (230/400 V)

Guarantees flexibility for starting up the machine

You can either operate your dishwasher with 230 V or 400 V. Changes can be made at any time through simple re-plugging.

## SMOOTH COUNTERBALANCED DOOR

Soft, silent opening and closing

The dishwasher doors have gas-filled shock absorbers to protect your washware and prevent wear of the door suspension.

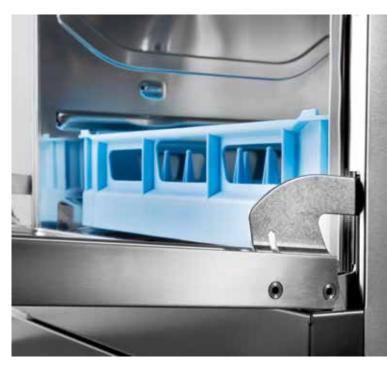
What's more: The flat rack guides on the inside of the door make loading and unloading the rack easy.

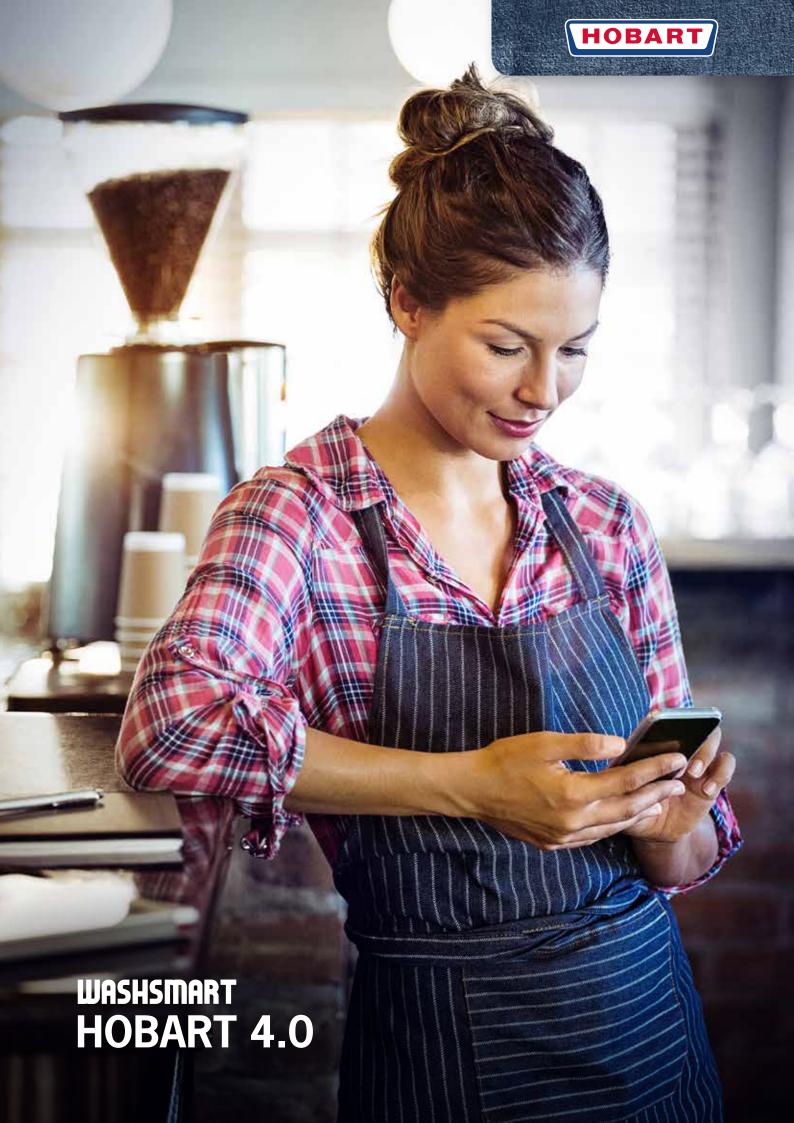


More space for increased performance

With the **PROFI** FXL machine, you can wash large items effortlessly. The larger XL wash chamber provides space for washware up to **600 x 400 mm,** such as trays, baking trays and EN containers.







# 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 dishwasher 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



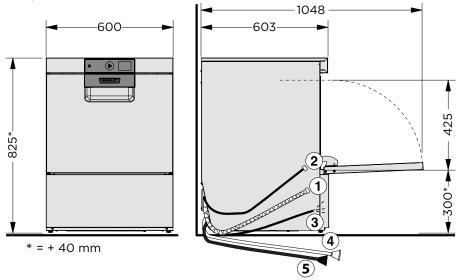




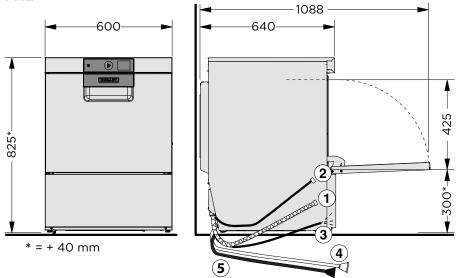


## DRAWINGS

FX | FP



FXL



<sup>[1]</sup> Drain hose

- [2] Fresh water connection
- [3] Connection cable
- [4] Liquid detergent
- $^{[\,5]}$  Rinse aid  $^{a)}$
- <sup>a)</sup> for machines with hose filling



# **FEATURES**

	PROFI LINE		PREMAX LINE	
MODEL	PROFI <b>FX</b>	PROFI <b>FXL</b>	PREMAX <b>FP</b>	
HIGH LEVEL OF ECONOMY				
ECO programme	-	-	• PREMAX LINE EXCLUSIVE	
SENSO-ACTIVE resource management	•	•	•	
2IN1 double rack system	0	0	0	
BEST WASH RESULT				
TOP-DRY drying	-	-	PREMAX LINE EXCLUSIVE	
GENIUS-X <sup>2</sup> fine filter system	•	•	•	
Free-standing reverse osmosis RO-S	0	0	0	
Interlocked strainer	•	•	•	
Rinse pump	•	•	•	
Wide-angle nozzles	•	•	•	
SHINE cutlery cycle	-	-	PREMAX LINE EXCLUSIVE	
Permanent wash programme	•	•	•	
Starch-removal cleaning programme	•	•	•	
Water exchange	•	•	•	
EASY HANDLING				
VAPOSTOP <sup>2</sup>	-	-	PREMAX LINE EXCLUSIVE	
WiFi module*	•	•	•	
WASHSMART app**	•	•	•	
VISIOTRONIC-TOUCH control	•	•	•	
Remaining time indicator	•	•	•	
Refill signal	0	0	0	
Hygiene programme	•	•	•	
CLIP-IN wash and rinse arms	•	•	•	
SOFT-START wash pump	•	•	•	
Integrated water softener	0	0	0	
Integrated chemical containers	0	0	0	
USB-interface	•	•	•	
RELIABILITY & FLEXIBILITY				
XL wash chamber	-	•	-	
Smooth counterbalanced door	•	•	•	
Drain pump	•	•	•	
Multi-phasing (230/400 V)	•	•	•	

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

\*\* Free use of the WASHSMART app for 5 years.

# **TECHNICAL SPECIFICATIONS**

	PROFI LINE		PREMAX LINE
MODEL	PROFI <b>FX</b>	PROFI <b>FXL</b>	PREMAX <b>FP</b>
CYCLE TIMES*	90 / 180 / 360 sec. and special programmes	90 / 180 / 360 sec. and special programmes	80 / 150 / 170 sec. and special programmes
CAPACITY			
Racks	40 /h	40 /h	45 /h
Plates	720 /h	720 /h	810 /h
Glasses	1,440 /h	1,440 /h	1,620 /h
TANK CAPACITY	10.6 l	10.6 l	10.6 l
WATER CONSUMPTION	2.0 l/rack	2.0 l/rack	1.0 l/rack
PUMP RATING	0.5 kW   350 l/min	0.5 kW   350 l/min	0.5 kW   350 l/min
TANK HEATER	1.7 kW	1.7 kW	1.7 kW
BOOSTER LOADING			
Standard	6.2 kW	6.2 kW	6.2 kW
Alternative	2.1 kW	2.1 kW	2.1 kW
TOTAL LOADING			
Standard	6.8 kW   3 x 16 A	6.8 kW   3 x 16 A	6.8 kW   3 x 16 A
Alternative	2.7 kW   16 A	2.7 kW   16 A	3.3 kW   16 A
Voltage	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)	400 / 50 / 3N (230 / 50 / 1)
DIMENSIONS			
Width	600 mm	600 mm	600 mm
Depth	603 mm	640 mm	603 mm
Height	825 mm	825 mm	825 mm
Loading height	425 mm	425 mm	425 mm
Rack size	500 x 500   500 x 530 mm	500 x 500   500 x 530 mm	500 x 500   500 x 530 mm

Multi-phasing allows the operation of the dishwasher either on 230 V or 400 V. Changes can be made on site at any time by simple re-plugging.

\* 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 wash results

#### WATER TREATMENT

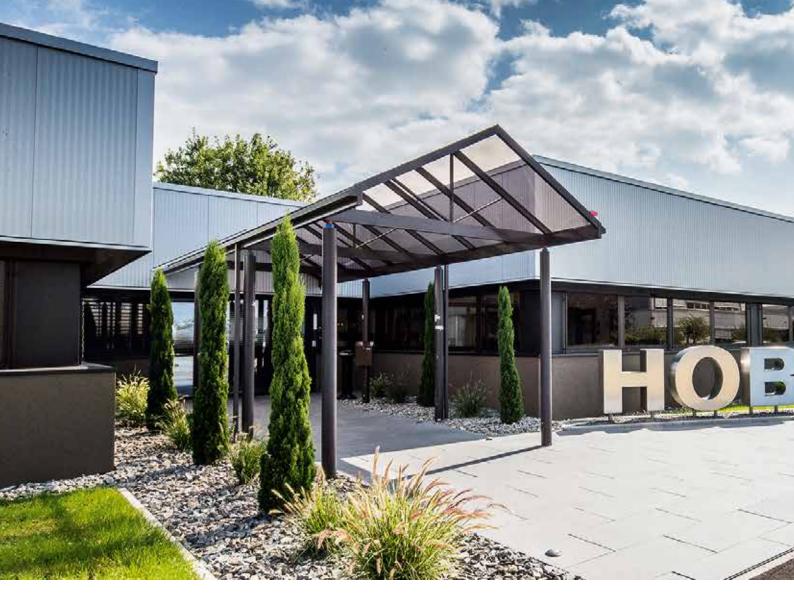
The right solution for every water quality: The partial and full demineralisation cartridges HYDROLINE STAR and STAR EXTRA, as well as the HYDROLINE PURE RO-S reverse osmosis system, guarantee spotless wash results with no additional polishing required.

#### WASHING CHEMICALS

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





#### 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.

made in germany

#### **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 SERVICE 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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Die Angaben in diesem Prospekt beruhen auf dem Stand 09/2019. Technische Änderungen oder Änderungen der Ausführung bleiben vorbehalten.

The details given in this brochure are correct as of 09/2019. We reserve the right to technical or design modifications.

Document non contractuel. Les indications de ce prospectus sont conformes à la mise à jour de 09/2019. Nous nous réservons le droit de modifier les données ou les configurations techniques de nos machines.



UP | UX





# **BETTER OR BEST – IT'S YOUR CHOICE!**





## **PROFI LINE**

The **PROFI** line – everything a professional operator needs. The successful product series from HOBART can be found working wherever the highest standards of cleanliness are required, tailored to the volumes to be washed and the degree of soiling of the ware. It combines efficient warewashing with ultimate user-friendliness and low operating costs. Numerous equipment options make **PROFI** line a perfectly suited warewashing solution to suit any operation.

## **PREMAX** LINE

The **PREMAX** line are the perfect models for operators that need a higher level of proficiency. Because **PREMAX** sets standards in all areas. Minimal operating costs and impressive user-friendliness, combined with maximum performance. The **PREMAX** line is the most economical and innovative line of dishwashers on the market. In addition to the features of **PROFI** models, **PREMAX** wins over users with its unique product characteristics and is the ideal partner for the highest standards in a perfect warewashing operation.

**PREMAX** LINE EXCLUSIVE The most exclusive **PREMAX** features are labeled with this writing and a gold background.

# UP UX

# THE STRONGEST WASH PERFORMANCE INVOLVING THE HIGHEST ENERGY SAVING

#### YOUR BENEFITS:

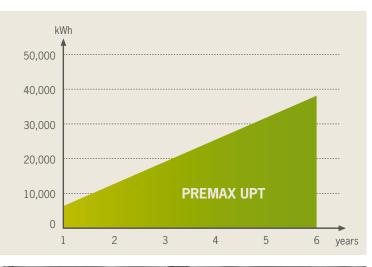
The HOBART utensil washers are used wherever large warewashing items and utensils need to be washed. We can offer you the perfect model tailored to your requirements according to your wash capacity and site specifications.

Powerful and economical.

#### **EXCLUSIVELY AT HOBART:**

- A special **detergent direct spraying system** and the patented steam washing system reduce manual pretreatment significantly.
- Lateral washing systems triple the unit's capacity per wash cycle compared to a normal utensil washer.
- Modern **drain and exhaust heat recovery** save up to 6,354 kWh per year. This is equivalent to the annual consumption of three 2-person households.

# ENERGY SAVING in kWh of PREMAX UPT with drain heat recovery (cumulated)













# **OUR MODELS**









The only utensil washer with a lateral wash system. Compared to other models, this enables the **PREMAX** UP to offer triple the capacity in the same space. Innovative and efficient cleaning systems ensure a perfect wash result with significantly less manual pre-washing.

#### PREMAX UPT

The **PREMAX** UPT offers all the advantages of the **PREMAX** UP combined with double the capacity compared to a conventional twin rack utensil washer.

#### **PROFI UX**

Cleans pots and pans, cast iron cookware, baking tins, trays and racks with perfect wash results. Only HOBART can wash 4 bakery racks in one wash cycle.



#### PROFI UXT

The right model for a large wash capacity. The **PROFI** UXT model offers double the capacity compared to the **PROFI** UX and can wash 6 bakery racks at once.



#### PROFI UXTH

The hood model makes it easier to load and unload the machine. The guide rail system makes emptying the machine a comfortable and ergonomic process.

#### PROFI UXTLH

The above average insert height of the **PROFI** UXTLH offers plenty of space, increases the capacity per wash cycle, especially in the case of baking tins and bakery racks, and is therefore ideal for use in bakeries.



# **BEST WASH RESULT**

#### **VAPO-ACTIVE STEAM WASHING**

Heavily encrusted food on utensils is the most challenging task. **PREMAX** utensil washers solve this challenge with hot water vapour.

- This breaks up the structure of the encrusted food.
- The washing temperature is increased in a very short time.
- This higher temperature significantly improves the detergent's effect.

Giving you the best washing result by far that can be achieved using a utensil washer.

#### DETERGENT DIRECT SPRAYING SYSTEM

Heavily encrusted starchy food such as:

- Mashed potatoes
- Potatoes au gratin
- Rice and pasta

requires a much higher concentration of chemicals for cleaning. **PREMAX** utensil washers therefore spray the concentrated detergent solution directly onto the utensils. The solution acts on the encrusted food for 30 seconds before being washed off by steam washing.

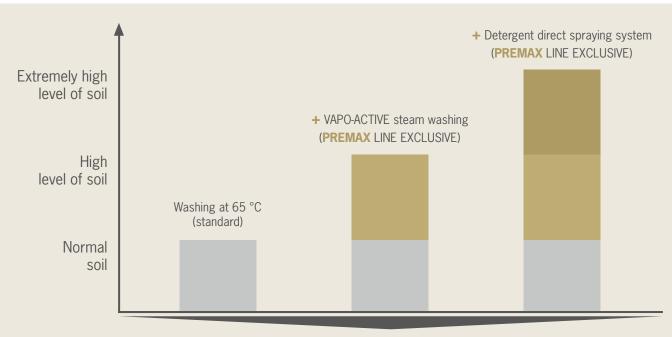
Manual pre-soaking is reduced significantly or even dispensed with.

#### **CHEMICAL INFO:**

We recommend using HOBART HLU-32 detergent in combination with the DETERGENT DIRECT SPRAYING SYSTEM



## ANYBODY CAN DISSOLVE NORMAL SOIL, BUT HOBART CAN DO MORE!





#### **ROTOR-X WASH SYSTEM**

Our cross joint 4-spoke wash arms are unique on the market and provide an extremely high wash performance:

- Water contact with the wash ware is twice as long.
- The washing action increases by 100 % compared to traditional wash arms.

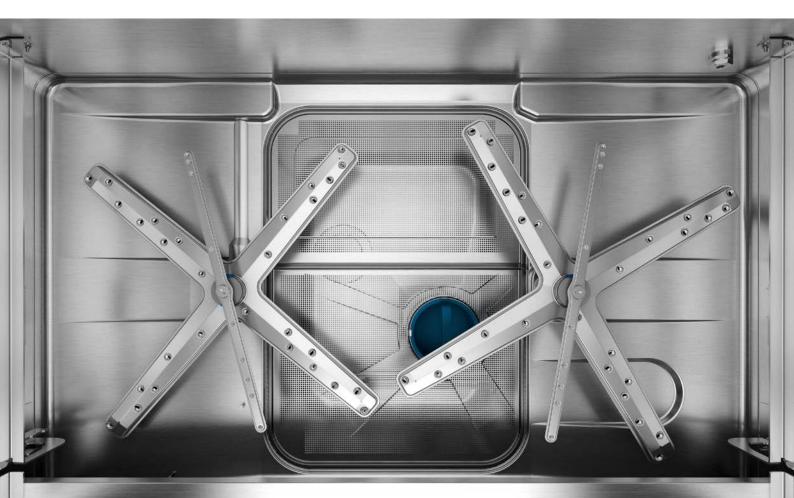
Longer contact times and better wash action provide an excellent cleaning result over the entire surface. The rotating ROTOR-X wash system consists of one upper and one lower cross joint wash arm, i.e. two of each **PROFI** UXT, UXTH, UXTLH and **PREMAX** UPT models.

#### **POWER WASH**

In principle, the wash action of utensil washers is considerably higher than that of other dishwashers. POWER wash creates the required high wash pressure by:

- Wash arms with special Impuls spray nozzles
- Wash pumps with a 200 % higher performance

This combination guarantees a hygienic wash result, even with heavily encrusted utensils.





# **BEST WASH RESULT**

#### SENSO-ACTIVE RESOURCE MANAGEMENT

The entry of dirt into the tank is monitored continuously and water consumption is automatically adapted accordingly. With a low level of soil in the machine, water consumption is low; for a higher level of soil, the machine uses more water.

The advantages are:

- Reliable wash results even with a high level of soil
- Dishwasher compensates for mistakes made by the operating personnel
- Consistent regeneration of the wash solution with sufficient fresh water
- Complete draining and refiling is not necessary anymore

#### **GENIUS-X<sup>2</sup> FINE FILTER SYSTEM**

The enhanced GENIUS- $X^2$  fine filter system cleans dirty water in three steps and keeps the wash solution clean:

- 1. Coarse dirt and food waste are collected in the strainer basket, preventing them from reaching the tank.
- 2. Fine dirt is collected in the separate fine filter and discharged from the machine after only 10 seconds.
- 3. The residual fine dirt is collected during washing. It is drained before rinsing.

The GENIUS-X<sup>2</sup> fine filter system auto-cleans during pump-out, reducing the detergent consumption by more than 35 %.





# **EASY HANDLING**

#### VAPOSTOP

When opening a conventional utensil washer, hot steam escapes from the machine.

The multi-stage ventilation system of the VAPOSTOP, available as an option, extracts the 65 °C hot waste steam from the machine compartment, preventing the steam from escaping.

The patented VAPOSTOP

- Cools exhaust air to approx. 25 °C
- Improves indoor climate
- Makes work easy



#### **VISIOTRONIC CONTROL**

Thanks to the large START button combined with a text and graphics display, the machine is far easier to operate:

- All important information is available at a glance
- Easy selection of programmes
- Easy settings

As soon as the machine recognizes that you need information, the display auto-activates and provides all necessary information.

#### **REMAINING TIME INDICATOR**

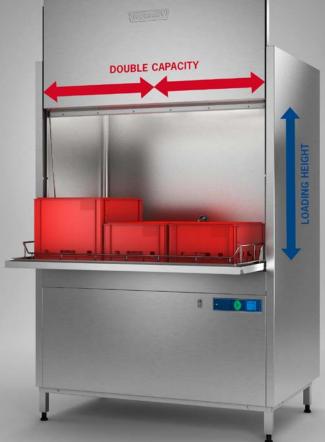
In support of VISIOTRONIC control, the big start button of the dishwasher indicates the progress of the programme:

- Blue: Programme just started
- Partly green: Rinsing
- Green: Programme finished / machine ready to start
- Red: Error











# UP | UX

# **EASY HANDLING**

#### HOOD LIFT

As an option, the hoods of models **PROFI** UXTH and UXTLH are opened and closed by an electrically operated hood lift.Eliminating the need to apply manual force to open and close the hood.

#### **REFILL SIGNAL**

The integrated fill level indicator monitors the contents of external as well as integrated chemical canisters.

It indicates well in advance when detergent and rinse aid need refilling. This ensures effective long-term wash results.

#### **BLOCKED FILTER SENSOR**

If there is a lot of soil in the machine, the filter may become clogged. The blocked filter sensor registers this, and displays a warning on the control panel. This function assists the operating personnel and ensures proper ongoing dishwashing operation.

#### **HYGIENE PROGRAMME**

Over time, limescale and dirt particles can build up inside the machine. The patented hygiene programme was developed to eliminate this soil:

- Removes limescale deposits
- Cleans the machine from dirt residues
- Provides a fresh smell

The machine's display shows you when to run the hygiene programme. Simply put a hygiene tab in the machine and start the hygiene programme. The machine will be clean and hygienic in next to no time.



# **FLEXIBILITY**

#### DOUBLE CAPACITY

**PROFI** UXT/UXTH and UXTLH are the perfect solution for large washing volumes.

It cleans up to

- 6 bread baskets,
- 16 baking pans
- 3 EN containers
- at the same time.

This avoids unnecessary waiting times and increases capacity significantly.

#### **REDUCIBLE MACHINE HEIGHT**

The machine height of the **PROFI** UX and UXT can be reduced by 217 mm with the door open.

This allows for installation of the machine in low-ceilinged rooms. The loading height is then 650 mm.

#### LOADING HEIGHT

According to model, the above-average loading height provides space for up to

- 6 bread baskets
- large serving trays (600 x 800 mm)
- Baking pans (600 x 800 mm)







# HIGH LEVEL OF ECONOMY

HIGHER CAPACITY AND GREATER VERSATILITY

Patented lateral guide rails significantly increase the dishwasher's cleaning capacity per cycle for GN plates and butcher boxes, compared to conventional models:

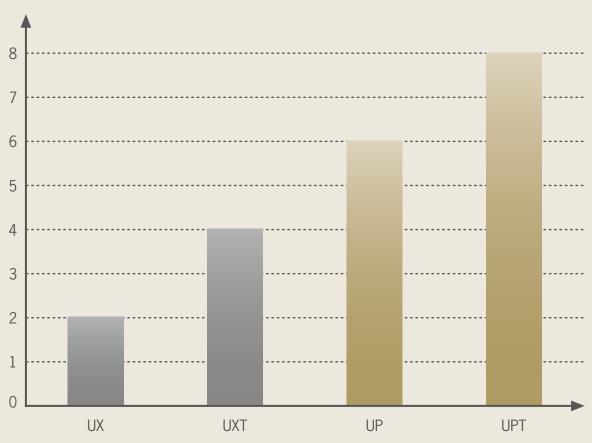
- **PREMAX** UP triples capacity from 2 to 6 GN plates
- **PREMAX** UPT doubles capacity from 4 to 8 GN plates

The dishwashers' efficiency increases owing to the considerably higher GN-plate and butcher-box capacity.



This saves up to 1,000 working hours per year.

# ANYBODY CAN COPE WITH NORMAL CAPACITY, BUT HOBART CAN COPE WITH MORE!



#### GN containers per wash cycle





Energy saving by Drain heat recovery

# 6,350 kWh

This is how much energy can be saved per year with drain heat recovery. This is equivalent to the consumption of three 2-person households.



Exhaust heat recovery is able to reduce exhaust air temperature by this value and provides improved indoor climate.



## UP | UX

# HIGH LEVEL OF ECONOMY

#### **EXHAUST HEAT RECOVERY**

Exhaust heat recovery, available as an option for frontdoor type models, uses the energy from the 60 °C hot waste steam to heat fresh water. Humidity and energy do not escape uncontrollably into the room, but are returned efficiently to the dishwasher through a heat exchanger.

- Saves up to 5,000 kWh per year
- Reduces room temperature
- Improves indoor climate

#### **DRAIN HEAT RECOVERY**

The energy of the 65 °C hot waste water is used to heat fresh water. The drain heat recovery system, available as an option, leads the hot waste water along the fresh water flowing in. Thus heating up the fresh water to 45 °C before it reaches its final rinse temperature in the boiler.

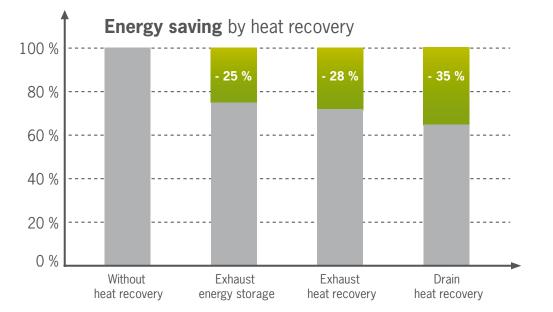
- Saves up to 6,350 kWh per year
- Pays off in the 2nd year already

#### **EXHAUST ENERGY STORAGE**

Hood-type dishwashers save energy as they have exhaust energy storage as a standard feature. The hood, closed to all sides, drastically reduces energy consumption. The 60 °C hot waste steam does not escape into the room uncontrollably, but remains under the hood.

- Saves up to 2,600 kWh per year
- Reduces room temperature
- Improves indoor climate

This is intelligent energy saving without additional investment.

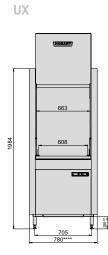


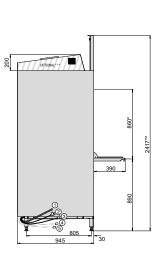
## ANYBODY WANTS TO SAVE ENERGY COSTS, BUT HOBART SAVES MORE!

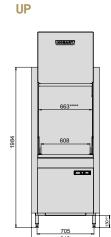


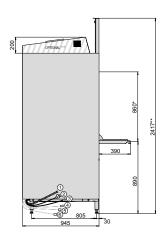
# **DRAWINGS**

UTENSIL WASHERS, FRONT DOOR MODELS

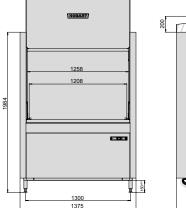


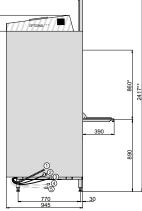




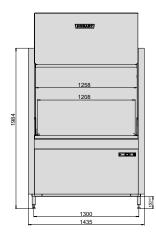


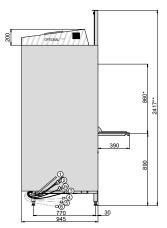
UXT





UPT





 $\ensuremath{\textcircled{}^{\text{s}}}$  hose for rinse aid  $\ensuremath{^{\text{a}}}$ ① flexible drain hose @ fresh-water connection ☺ separate tank filling ③ power cord  $\circledast$  hose for detergent  $^{\rm a)}$  $\textcircled{\sc black}$  hose for detergent  ${\sc a}$  $\ensuremath{^\mathrm{a)}}$  for machines with external containers

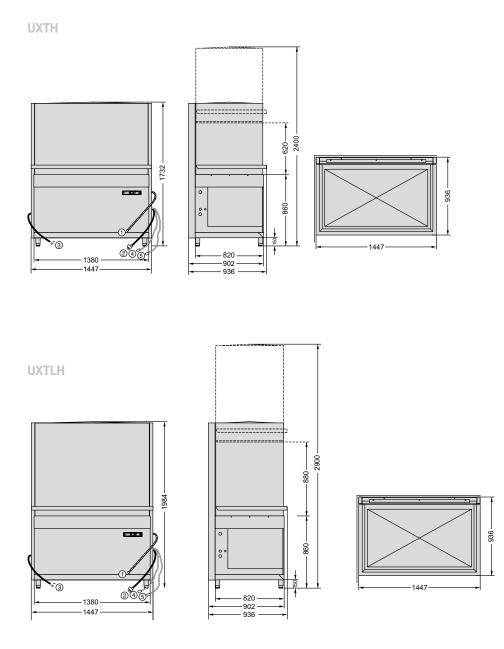
\* Loading height can be reduced to 650 mm

\*\* Height with open door can be reduced to 2,200 mm

\*\*\* with exhaust heat recovery \*\*\*\* with drain heat recovery

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# UTENSIL WASHERS, HOOD-TYPE MODELS



 ① flexible drain hose
 ② fresh-water connection
 ③ power cord
 ④ hose for detergent <sup>a)</sup>
 ⑤ hose for rinse aid <sup>a)</sup>

 <sup>a)</sup> for machines with external containers



# **FEATURES**

## **PROFI** LINE

MODELS	ux	UXT	UXTH
MODEL TYPE	Frontdoor	Frontdoor	Hood
WASH WARE			
Description	All types of pots, serving trays, utensils and GN plates; 2 EN-containers; 8 baking pans measuring up to 600 x 800 mm; 4 bakery racks	All types of pots, serving trays, utensils and GN plates; 3 EN-containers; 16 baking pans measuring up to 600 x 800 mm; 6 bakery racks	All types of pots, serving trays, utensils and GN plates; 3 EN-containers; 8 baking pans measuring up to 600 x 800 mm; 3 bakery racks
BEST WASH RESULTS			
VAPO-ACTIVE steam washing	-	-	-
Detergent Direct Spraying System	-	-	-
ROTOR-X wash system	•	•	•
POWER Wash	•	•	•
SENSO-ACTIVE resource management	•	•	•
GENIUS-X <sup>2</sup> fine filter system	•	•	•
Interlocked strainer	•	•	•
EASY TO OPERATE			
VAPOSTOP	0	0	_
VISIOTRONIC Control	•	•	•
Remaining Time Indicator	•	•	•
Integrated water softener	0	-*	_*
Hood Lift	_	_	0
Refill signal	•	•	•
Blocked filter sensor	•	•	•
Hygiene Programme	•	•	•
Corner positioning possible	_	-	•
Rinse aid and detergent dispenser	•	•	•
EASY-CLEAN concept	•	•	•
CLIP-IN wash and rinse arms	•	•	•
USB interface	•	•	•
HIGH LEVEL OF ECONOMY			
Higher Capacity and Greater Versatility		_	_
Exhaust Heat Recovery	0	0	_
Drain heat recovery	0	0	0
Exhaust Energy Storage	_	_	•
Heat and sound insulated hood		_	0
FLEXIBILITY			
Double Capacity	-	•	•
Reducible Machine Height	•	•	-
Loading height	•	•	

Inclusive

Not available

\* External water softening system recommended

UP | UX

## PROFI LINE

## **PREMAX** LINE

MODELS	UXTLH	UP	UPT
MODEL TYPE	Hood	Frontdoor	Frontdoor
WASH WARE			
Description	All types of pots, serving trays, utensils and GN plates; 3 EN-containers; 16 baking pans measuring up to 600 x 800 mm; 6 bakery racks	All types of pots, serving trays, utensils and 6 GN plates (1/1); 4 EN-containers	All types of pots, serving trays, utensils and 8 GN plates (1/1); 5 EN-containers
BEST WASH RESULTS			
VAPO-ACTIVE steam washing	_	PREMAX LINE EXCLUSIVE	PREMAX LINE EXCLUSIVE
Detergent Direct Spraying System	_	PREMAX LINE EXCLUSIVE	PREMAX LINE EXCLUSIVE
ROTOR-X wash system	•	•	•
POWER Wash	•	•	•
SENSO-ACTIVE resource management	•	•	•
GENIUS-X <sup>2</sup> fine filter system	•	•	•
Interlocked strainer	•	•	•
EASY TO OPERATE			
VAPOSTOP	_	0	- 0
VISIOTRONIC Control	•	•	•
Remaining Time Indicator	•	•	•
Integrated water softener	-*	-*	- *
Hood Lift	0	_	
Refill signal	•	•	•
Blocked filter sensor	•	•	•
Hygiene Programme	•	•	•
Corner positioning possible	•	-	-
Rinse aid and detergent dispenser	•	•	•
EASY-CLEAN concept	•	•	•
CLIP-IN wash and rinse arms	•	•	•
USB interface	•	•	•
HIGH LEVEL OF ECONOMY			
Higher Capacity and Greater Versatility	_	PREMAX LINE EXCLUSIVE	PREMAX LINE EXCLUSIVE
Exhaust Heat Recovery	_	0	- 0
Drain heat recovery	0	0	- 0
Exhaust Energy Storage	•	_	
Heat and sound insulated hood	0	_	
FLEXIBILITY			
Double Capacity Paducible Machine Height	•	-	-
Reducible Machine Height	-	-	
Loading height	•	•	•
Inclusive     O Optional	<ul> <li>Not available</li> </ul>	* External water softening system recommen	nded



# **TECHNICAL DATA**

# PROFI LINE

MODEL	UX	UXT	UXTH
CYCLE TIMES*	120 / 240 / 360 sec. and special cycles	120 / 240 / 360 sec. and special cycles	120 / 240 / 360 sec. and special cycles
CAPACITY			
Racks	30 /h	30 /h	30 /h
Trays (600 x 800 mm)	240 /h	480 /h	240 /h
EN-containers	60 /h	90 /h	90 /h
bakery racks	120 /h	180 /h	90 /h
GN (1/1)	60 /h	120 /h	120 /h
TANK CAPACITY	80	130	130
WATER CONSUMPTION	4.5 l/rack	7.5 l/rack	7.5 l/rack
WASH PUMP	2.9 kW   1,150 l/min	2 x 2.9 kW   2 x 1,150 l/min	2 x 2.9 kW   2 x 1,150 l/min
Tank heating	3.3 kW	6.1 kW	6.1 kW
BOOSTER LOADING			
Standard	12.4 kW	15.3 kW	15.3 kW
Alternative	6.2 kW	9.1 kW	9.1 kW
TOTAL LOADING			
Standard	15.6 kW   3 x 25 A	21.6 kW   3 x 35 A	21.6 kW   3 x 35 A
Alternative	12.4 kW   3 x 20 A	15.6 kW   3 x 35 A	15.6 kW   3 x 35 A
Power supply	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N
DIMENSIONS			
Loading height	860 mm	860 mm	620 mm
Rack size	600 x 760 mm	1,240 x 700 mm	1,240 x 700 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.

UP | UX

## PROFI LINE

## **PREMAX** LINE

MODEL	UXTLH	UP	UPT
CYCLE TIMES*	120 / 240 / 360 sec. and special cycles	120 / 240 / 280 sec. and special cycles	120 / 240 / 280 sec. and special cycles
CAPACITY			
Racks	30 /h	30 /h	30 /h
Trays (600 x 800 mm)	480 /h	210 /h	450 /h
EN-containers	90 /h	120 /h	150 /h
bakery racks	180 /h		
GN (1/1)	120 /h	180 /h	240 /h
TANK CAPACITY	130	80	130
WATER CONSUMPTION	7.5 l/rack	8 l/rack	14 l/rack
WASH PUMP	2 x 2.9 kW   2 x 1,150 l/min	2.9 kW   1,150 l/min	2 x 2.9 kW   2 x 1,150 l/min
Tank heating	6.1 kW	3.3 kW	6.1 kW
BOOSTER LOADING			
Standard	15.3 kW	15.3 kW	18.1 kW
Alternative	9.1 kW	9.1 kW	9.1 kW
TOTAL LOADING			
Standard	21.6 kW   3 x 35 A	18.5 kW   3 x 32 A	24.5 kW / 3 x 50 A
Alternative	15.6 kW   3 x 35 A	15.5 kW   3 x 25 A	18.5 kW / 3 x 32 A
Power supply	400 / 50 / 3N	400 / 50 / 3N	400 / 50 / 3N
DIMENSIONS			
Loading height	880 mm	860 mm	860 mm
Rack size	1,240 x 700 mm	600 x 760 mm	1,240 x 700 mm

## **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.** 









H=BART

## ECONOMICAL



#### THE COMPANY

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

#### 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. An enterpriseowned technological centre and an innovation centre for warewashing technology at our headquarters in Germany make this possible. Highly efficient products are created with bundled innovation, which continuously confirm our status as technological leader. To be economical means to set standards in relation to the lowest operating costs and minimal use of resources, and to revolutionise the market continuously. To be ecological means a 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.

WHENEVER THE FIRST MACHINE WILL BE CAPABLE OF WASHING WITHOUT WATER -IT WILL BE A HOBART.

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 VISION -WASH WITHOUT WATER

Intensive market research has shown, that our customers expect warewashing technology that combines efficiency with optimal performance. We hold ourselves to these claims, and they form the foundation for our vision of "washing without water". This vision is our continuous incentive to walk on new paths in order to constantly reduce the water, energy and chemical consumption. Step by step, we would like to come closer to our goal with innovative excellence, and we already know: Whenever the first machine will be capable of washing without water – it will be a HOBART.

#### HOBART SERVICE COMPETENT - FAST - RELIABLE

HOBART service technicians as well as HOBART service partnersare the "real" experts. Thanks to intensive training andmany years of experience, these technicians have a uniqueand profound knowledge of the product. Maintenance and repair workis therefore always carried out professionally, fast, andreliably.





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THAILAND HOBART (THAILAND) 43 Thai CC Tower Building | 31st FL Room No. 310-311 | South Sathorn Rd. Yannawa | Sathorn | Bangkok | 10120 Phone: +66 2 675 6279 81 | Fax: +66 2 675 6282 enquiry@hobartthailand.com | www.hobartthailand.com

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Die Angaben in diesem Prospekt beruhen auf dem Stand 04/2020. Technische Änderungen oder Änderungen der Ausführung bleiben vorbehalten.

The details given in this brochure are correct as of 04/2020. We reserve the right to technical or design modifications.



Document non contractuel. Les indications de ce prospectus sont conformes à la mise à jour de 04/2020. Nous nous réservons le droit de modifier les données ou les configurations techniques de nos machines.