HOBART

INDUSTRIAL CLEANING EQUIPMENT
PARTS CLEANING

SERIES FUX

HOBART

DYNAMIC AND POWERFUL

The HOBART parts cleaning machine series FUX is the perfect machine for the industrial cleaning of parts and a wide variety of components.

The system is characterized by an extraordinary performance and the lowest operating costs in the market.

And by way of exemplary warranties, HOBART provides the highest level of quality and reliability.

CLEANING RESULT

WASH SYSTEM DYNAMIC

The HOBART parts cleaning system guarantees reliable cleaning results. High water circulation and the correct water pressure are largely responsible for a defined cleaning result. The HOBART wash system specifically developed for parts cleaning has an innovative wide-angle nozzles FAN and does exactly that. The perfectly balanced system of mechanics, temperature, chemistry, and contact time solves the most complex cleaning requirements.
It ensures constant and reliable cleaning results.

PUMPED RINSE DUO

The rinsing result is significantly influenced by the way fresh water is used. The amount of water used should be kept as low as possible. The pumped rinse DUO consists of a separate pumped rinse and a fresh water rinse and does exactly that. The pumped rinse is upstream of the fresh water rinse and rinses off most of the soapy water already. The subsequent fresh water rinse cleans off the residual soapy water from the washware with fresh, hot water.

DRYING RESULT

MICRO FILTRATION

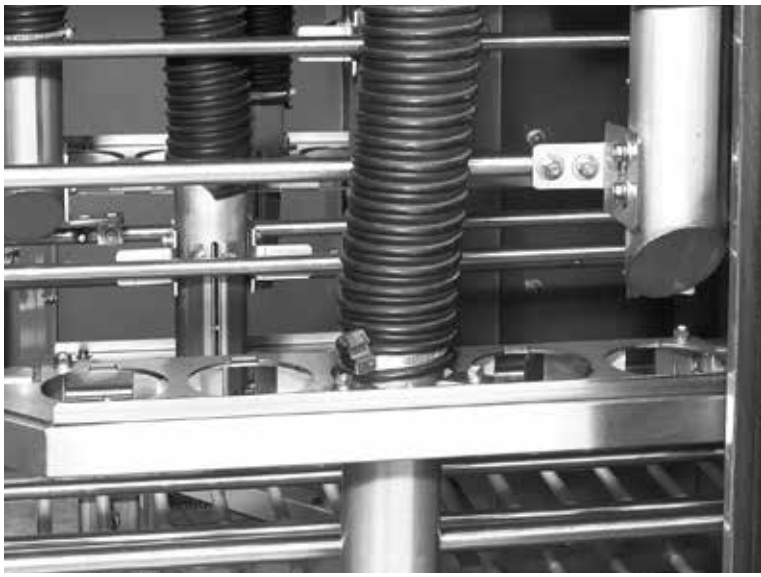
A permanently clean wash bath is the primary prerequisite for best cleaning results. The filter system installed in the washing and rinsing area reduces soiling of the bath by small particles to a minimum. As no particles already rinsed off will get to the washware, re-soiling is prevented. The various filter levels are individually adapted to the cleanliness requirements. A permanently optimum cleaning result is guaranteed.

TURBO BLOWER ZONE

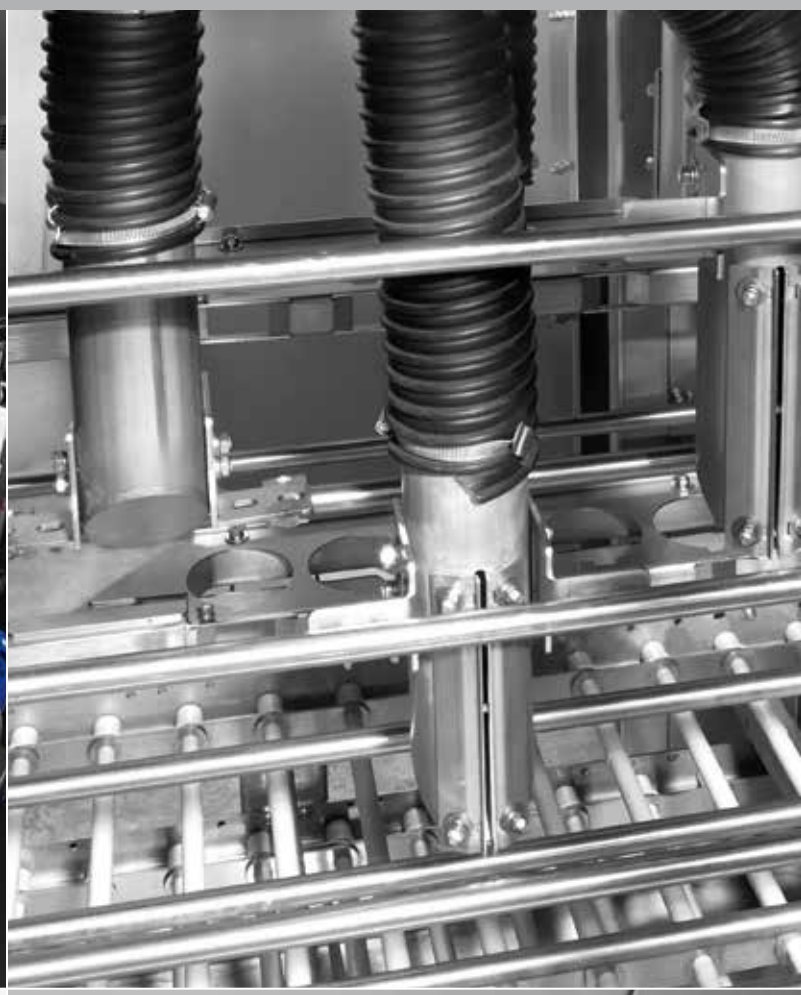
The HOBART turbo blower zone reduces any remaining moisture on components and prevents carryover to downstream zones. Most components have depressions where moisture tends to accumulate. In blow drying, high air velocity is applied through nozzles from all four sides to blow out any moisture remaining in indentations and wells and to remove any drip water from the container. This ensures the required level of dryness is achieved.

HIGH PERFORMANCE DRYING

Best drying results are achieved by HOBART high performance drying. The drying results of components depends on two factors - intrinsic temperature of the washware and air speed / air volume. High-performance drying generates a high air velocity at a high air volume. Moisture is better removed from the washware and better absorbed by the drying air. For strongly absorbing components a combination of blow drying zone and drying is necessary.



HOBART



ECONOMY

ECONOMIC RINSING

The FUX Series features 22% fresh water savings, thus saving up to 1,200 € in operating costs for water per year. Fresh water rinsing is to remove wash water from the washware. The required water consumption is significantly influenced by the technology used. The more inaccurate the distribution of water, the more water is needed to ensure a perfect rinse result. HOBART precision nozzles distribute the water so precisely that a small amount of water is enough to ensure the best cleaning results. Savings in operating costs of up to 1,200 € per year can be achieved. [1)]

DETERGENT SAVING SYSTEM LOW-CHEM

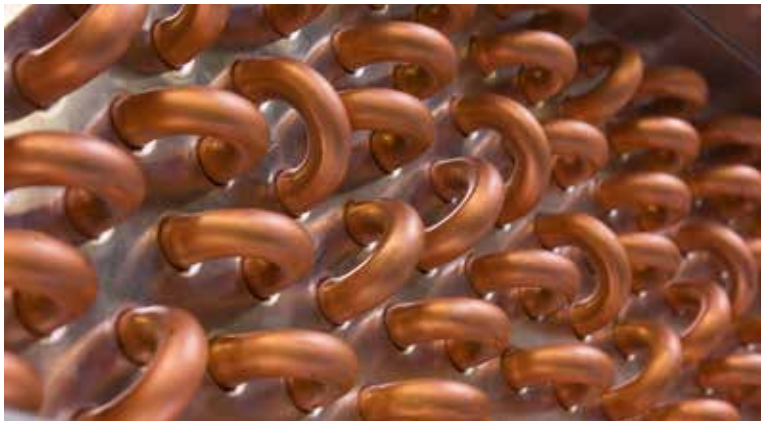
The LOW-CHEM Detergent Saving System reduces detergent consumption by up to 60% when compared to conventional systems, which equates to a saving in operating costs for detergents and rinse aids of up to 5,300 € per year. Detergent is dosed straight into the wash tank. The wash water is permanently regenerated by fresh water supplied from rinsing. Therefore, detergent is added to maintain the concentration according to the added regeneration volume. The enhanced LOW-CHEM Detergent Saving System directs 120 l fresh rinse water into the wash tank for regeneration. The dosing of detergent depends on the regeneration water volume. The LOW-CHEM Detergent Saving System thus reduces detergent consumption by up to 63 % compared to conventional systems. Operating cost savings of up to 5,300 € per year can be achieved. [1)]

[1)] Basis: FUX S-A in 2-shift operation, 250 days/year

HOBART HEAT RECOVERY

HOBART's heat recovery system functions according to the countercurrent principle, using the energy from the extracted air to heat up the incoming water. The energy exchange takes place in the HOBART high-performance condenser. At the same time, the exhaust air is cooled and dehumidified. The HOBART exhaust heat recovery system reduces energy consumption by up to 24 kW [2)] The exhaust air can be fed directly into the onsite exhaust system.

[2)] Sample calculation FUX S-A-A, passage width 965 mm, in comparison to models without heat recovery.



BATH LIFE

The continuous treatment of the bath leads to a maximization of the bath life and reduces operating costs. The consistently high treatment performance ensures maximum bath quality and consistently reliable cleaning results. Depending on requirements, the bath volume and nature of the regeneration method can be individually adapted to customer requirements.

FLEXIBILITY & RELIABILITY

LATERAL SUPPORT

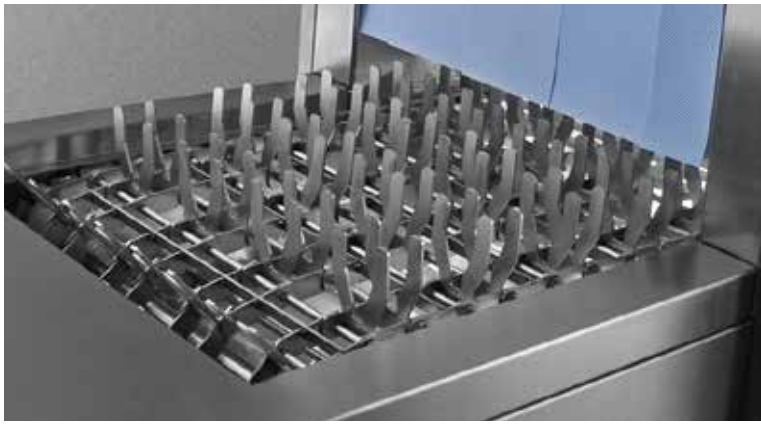
The flexible lateral support, characterized by tight parallel tolerances, also enables the upright processing of very narrow and absorbing washwear on the sides of the cleaning system. PRECISE adjustments allow fine corrections in the passage width. This provides exact positions and defined washing, and rinsing and drying results. The lateral support also results in a lower water carryover. The life of the individual baths is demonstrably extended.

MODULAR DESIGN

The HOBART FUX is tuned according to customer requirements. Each machine is individually configured depending on quantity and type of washwear and drying requirements. Due to the modular design, HOBART always provides the perfect machine for the customer's specific requirements.

CONVEYOR

The conveyor is individually adapted to the component to achieve a defined clearing and drying result.



PROVEN MATERIALS

The sturdy parts cleaning system is made of stainless steel. Designed for heavy-duty operation, the materials guarantee reliable operation.

MATURE DESIGN

With decades of experience in the construction of parts cleaning systems, all components are perfectly coordinated. This sophisticated design ensures maximum reliability.

COMFORT

PROTRONIC XL CONTROL
All key functions and data are bundled in the control of the parts cleaning machine. Thus, the control must be easy and quick to operate and allow for comfortable, self-explanatory selection of the appropriate operating options. The large and comfortable PROTRONIC XL Control is including in the Series FUX as a standard. On a clearly structured, coloured touch screen, the PROTRONIC XL Control shows an innovative operating concept. Thanks to the simple, modern user interface, operators quickly and intuitively understand how to operate the machine. All key information and functions are visible on the large touch screen at a glance. Depending on their authorization level, different user groups can see different information.

Additional innovative fuctions make the PROTRONIC XL unique:
- Visualisation of temperatures and error messages for the individual zones
- Automatic keeping of the maintenance history according to DIN
- Comfortable data storage in the control
- Message management system
- Visualisation of the operating manual
- Training video can be watched directly

The handling of the innovate PROTRONIC XL Control is much more advanced than previous controls, which greatly simplifies the operation, documentation and control of the machine.

DROP-IN WASH SYSTEM
Easy to remove and easy to insert.

CODED WASH AND RINSE ARMS
The wash and rinse arms are clearly designed to prevent risk of confusion when inserting.

CODED CURTAINS
Easy to take out and insert. The clear marking on the wash curtains prevents confusion when inserting.

HOBART

SUPPORT

SUPPORT CLEANING ASSISTANT
consisting of
- Bayonet wash arm catch
- Wash tanks are completely molded
- One-piece strainer
- 150 mm ground clearance
- Mono-block condensor
- Sliding doors

BAYONET WASH ARM CATCH
Washarms are easy to open and to close.

MOULDED DRAIN ELEMENT
Soil is directed via beading to a central point and into the drain. This prevents soil accumulation in the tank.

COMPLETELY MOULDED TANK
The tank sump and tank bottom are molded from one single part. This optimises cleaning and hygiene.

DISTANCE BETWEEN CONVEYOR AND BODY
Good accessibility, even where space is limited.

FILTER DRAWING IN THE ENTRY SECTION
Can be easily removed from outside for fast cleaning in case of heavy soiling – without interruption of operation. No spilling thanks to large collection volume and high sides.

CONDENSER
Optimal accessibility for water spraying – by simply removing the front covering.

HOBART SERVICE - WORLDWIDE

REDUCING MACHINE DOWNTIME
HOBART machines and equipment provide maximum functionality and efficiency. This is also the aim of the Technical Service Department of Hobart. It guarantees highest possible operational safety because optimal technical support ensures smooth operation and significantly reduces machine downtime.

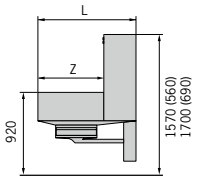
FAST RESPONSE TIMES
The basis of an effective customer service are perfectly coordinated interaction of highly qualified service technicians, state-of-the-art technological equipment and a very customer oriented service organization. Quick responses, timely repairs and high availability of spare parts are among the outstanding features of the Technical Service of HOBART.

LOCAL SERVICE PRESENCE
Service technicians in the HOBART customer service department operate nationwide, thus ensuring fast response and repair times.

When you call, you always have a competent person on the phone and our emergency service is available on weekends. When you call, you are automatically routed to the nearest repair centre. Each service centre has up-to-date information on the machines within its service area. This enables narrowing down faults by remote diagnostics, provisioning spare parts and coordinating the visit of the service specialist.

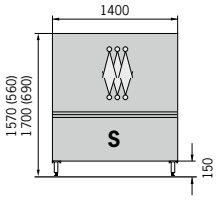
FUX MODUL SELECTION

ENTRY SECTION

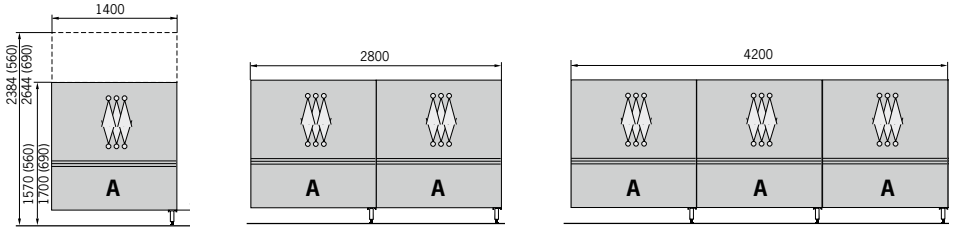


	Z	L
0	140	500 [1) 2)]
1	440	800
2	740	1,100
3	1,040	1,400

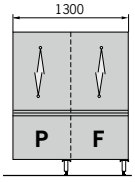
PRE-WASH

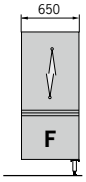


MAIN WASH

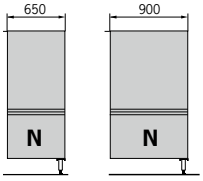


RINSING

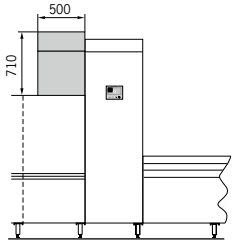




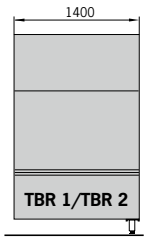
NEUTRAL ZONE

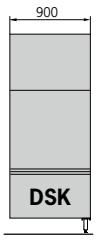


EXHAUST AIR

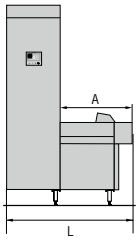


TURBO BLOWER/DRYING

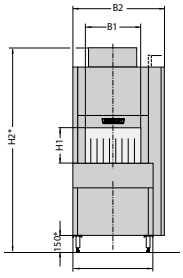




EXIT SECTION



	A	L
0	570 [1)]	1,170
1	700	1,300
2	1,000	1,600
3	1,300	1,900



Machine dimensions per passage width

	H1	H2	B1	B2
612	440	2,160	612	980
612	680	2,644	612	1,075
965	440	2,160	965	1,333
965	1,100	3,180	965	1,500

* +/- 25 mm foot adjustment

[1)] In case of a direct connection to a conveyor
[2)] Valid for A and S-A machines.

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

THE COMPANY

HOBART is the world market leader in commercial warewashing technology and renowned manufacturer of cooking, food preparation, refrigeration, and environmental 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. Internationally, restaurants, hotels, canteens, bakeries and butcher shops, supermarkets, airlines and cruise ships swear by our innovative products, which are considered to be economical and ecological market leaders.

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.

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 enterprise-owned 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.

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