

TROLLEY WASHER

# Smart machine for large items



**Wexiödisk** 



*Can you combine*  
**quality, green thinking**  
**and ergonomics?**

*At Wexiödisk, our answer to this question is yes! We call it eco-design and, ever since the beginning in 1972, our philosophy has been to focus on quality and sustainability based around green thinking. Without, of course, forgoing ergonomics and a good working environment.*

We operate on the basis of a circular economy, where sustainable development acts as the driving force and the cycle is not linear, but circular. Wexiödisk develops high-quality products and carefully selects each component. All to help prolong the life cycle of our machines and conserve natural resources. Our ethos has always been that every dishwasher we develop should be more resource-efficient than the previous model. For us, a circular economy is:

- **A functional stainless steel design that delivers sustainability and a long service life.**
- **Servicing is normally carried out from the front of the machine. Components can be accessed more easily, making servicing quicker.**
- **We think about the person! Improving ergonomics, for example through the automatic opening of doors, reduces repetitive strain injuries and makes the washing process considerably easier.**
- **Minimised water consumption. Just 6 litres of water are used per wash cycle.**
- **Heat recovery ECO-FLOW saves energy and improves the environment in the dishwasher room.**
- **Unique washing technology with rotating items and centrifugal drying – a resource-efficient way of drying washes.**
- **We are continuously striving to develop new solutions in order to save even more water and energy and further reduce the need for chemicals.**

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➤ **PURSuing A CIRCULAR ECONOMY HAS BEEN AN ELEMENT OF OUR SMÅLAND BRAND SINCE WE STARTED IN 1972.**

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EFFICIENT ECO-FLOW HEAT RECOVERY WHICH DOES NOT REQUIRE A DIRECT CONNECTION TO THE VENTILATION SYSTEM

ENVIRONMENTAL FRIENDLY, ONLY USES 6 LITERS OF WATER PER CYCLE

WASHES A WIDE VARIETY OF ITEMS WITHOUT ANY NEED TO ALTER SETTINGS

STAINLESS STEEL WASH AND RINSE PIPE

CLEAR DISPLAY

PERFECT WASH RESULTS USING SPINNING TECHNOLOGY, CLEANS EVEN THE MOST INACCESSIBLE CORNERS ON ITEMS

SHORT DRYING TIME WITH EFFECTIVE AND ENERGY-FRIENDLY, USING SPINNING TECHNOLOGY

SMALL FOOTPRINT INSTALLATION, TAKES UP JUST 4.5 M<sup>2</sup>

# Large items

## Simple and effective washing

The WD-18CW trolley washer has been developed to meet the demanding industrial requirements of customers within the hospital sector and the airline catering industry. The need to fulfil the most stringent hygiene standards, maximise capacity and minimise operating costs resulted in the development of a machine which is ideal for washing most trolleys and other large items used by catering establishments.

### EFFECTIVE SOLUTION IN A SMALL SPACE

The WD-18CW is able to cope with many different items and trolleys of various makes. The machine also has a small footprint, just 4.5 m<sup>2</sup>. The high capacity of the WD-18CW means it can perform up to 40 wash cycles/hour. There are three different wash programmes and a normal programme only takes around 75 seconds. Thanks to the generous internal dimensions, several trolleys can normally be washed simultaneously, saving even more time.

### BETTER WORKING ENVIRONMENT

Compared with washing trolleys manually, the Wexiödisk WD-18CW offers improved ergonomics and reduced contact with chemicals, and ensures perfect washing and drying results each time. The machine is very simple to operate and can easily be used by a single operator. The WD-18CW is also very quiet, helping to further improve the working environment.

### ECONOMICAL AND GOOD FOR THE ENVIRONMENT

After many years of development, the WD-18CW has the most efficient and energy-saving solutions on the market. Compared with traditional dishwashers, the WD-18CW can cut energy costs by up to 80%. The machine uses only 6 litres of fresh water per wash cycle. Consumption of electricity and chemicals is also very low. Further savings are made by using the outgoing ventilation air to heat incoming cold water – a function we call ECO-FLOW (see page 9).

### CUSTOM SOLUTIONS

The machine is supplied as standard with fittings suitable for items of varying shapes and sizes. Items that fit within a circle of 1,600 mm diameter can probably be washed. We also offer a special customisation service for customers using items with different dimensions.

#### WASH PROGRAM WITH A SPIN CYCLE

**Program 1:** Total wash time 1.2 min.\*  
**Program 2:** Total wash time 1.6 min.\*  
**Program 3:** Total wash time 2.0 min.\*

#### WASH PROGRAM WITHOUT A SPIN CYCLE

**Program 4:** Total wash time 1.0 min.\*  
**Program 5:** Total wash time 1.4 min.\*  
**Program 6:** Total wash time 1.8 min.\*

\*Factory setting. The wash time is adjustable.



# Hygienically clean trolleys



The machine enables one dirty and one clean area.



LVR Klinik in Bonn serves thousands of meals every day.

## LVR-KLINIK, BONN

Since being founded in 1882, the LVR-Klinik Bonn has become one of the largest health care providers in the region, with over 1600 employees, offering advanced medical care to several thousands of patients.

With thousands of meals being prepared and served, the hospital is heavily reliant on the trolleys that transport meals to the wards and beds of the patients and ensuring that the trolleys are hygienically clean is paramount. In order to ensure this effectively LVR-Klinik Bonn recently invested in not one, but three Wexiödisk trolley washers (WD-18CW) to replace their existing models. Mr. Kleps, Kitchen Director at LVR-Klinik Bonn explains:

– The project trolley washer was started before my time at the LVR-Klinik Bonn but investing in Wexiödisk WD-18CW's was a natural decision for LVR-Klinik Bonn. Both the technical team and an external consultant recommended this particular model - both of which praised the WD-18CW for its many economic, practical and ergonomic benefits.

### EASY TO OPERATE

In terms of some of the key practical benefits of this unit, the WD-18CW uses just 4.5 m<sup>2</sup> of floor space meaning valuable warewashing space is best utilised. Further to this, the WD-18CW can be placed in a way that forms a barrier between two rooms, thus creating one dirty area and one clean area.

Also highly ergonomic, the WD-18CW can easily be operated by a single member of staff thanks to an automatic loading/unloading system. In terms of economic benefits, the WD-18CW uses just 6 liters of water per wash cycle, resulting in a very low consumption of electricity, water and chemicals.

### SAVING ENERGY, MONEY AND LABOUR

In addition to the above benefits, the WD-18CW also boasts unique spinning technology – a system which truly impressed the team at LVR-Klinik Bonn due to the dual benefits of this system which not only ensures the highest level of hygiene by thoroughly cleaning even the hardest-to-reach areas of our trolleys, but also effectively dries trolleys by removing all water residues without applying heat.

After learning about the benefits of this model, LVR-Klinik Bonn then decided to make contact with their local Wexiödisk dealer, Rhima, whom finalised LVR-Klinik Bonn's decision to purchase three WD-18CW's.

– The service that we've received from Rhima thus far has been absolutely seamless. We cannot recommend them, or Wexiödisk products, enough. In fact, since all three WD-18CW's have been installed by Rhima, we've seen a dramatic improvement to warewashing practice at LVR-Klinik Bonn. He continues:

– Not only are the catering team now able to meet warewashing demands in a much more effective and easy way, but all three units have also helped LVR-Klinik Bonn save energy, money and labour – it's a real all-rounder!"



# Simple washing

*with the new control system WD-touch*

*Wexiödisk is now launching a completely new control system, WD-touch, which makes washing even easier, faster and, above all, much clearer. WD-touch is being fitted to all new WD-18CW machines.*

The new control system, WD-touch, has a clear self-explanatory touch display and a simple interface which is very similar to that found on modern smartphones. The icons are easy to understand and it is simple to navigate between the various functions. The idea behind the new system is to reduce the amount of time spent on tasks such as repairs, cleaning and servicing. The machine is therefore equipped with a special alarm function which tells the operator when the various tasks need to be performed. The display will then show a clear guide which enables the operator to carry out the procedure themselves. Another much-appreciated function enables

the operator to clearly see how long is left on the wash programme. This makes it easy to allocate time in the kitchen efficiently.

#### ADAPTED TO MEET THE USER'S NEEDS

Development of the new control system, WD-touch, has taken many years. During the process, Wexiödisk was in regular contact with both customers and distributors. Potential improvements have been identified, partly with the aid of numerous workshops. Listening to those who actually use the machines every day was an incredibly valuable part of the process.

## *Which installation is best suited for* **your dishwashing area?**

You can choose between a number of alternative types of installation, depending on the layout of your dishwasher room. The machine takes up little floor space, just 4.5 m<sup>2</sup>.

#### SINGLE-DOOR OR PASS-THROUGH MODEL

The machine can be supplied as a one- or two-door model, depending on the layout in the dishwashing area. The single-door version is suitable for narrow spaces, where loading and unloading are performed from the same side. When the layout permits the WD-18CW to have separate clean and dirty sides, the machine can be fitted with two doors, i.e. a pass-through machine.



*Pass-through model, floor installation*



*Single door, embedded installation*

#### FLOOR OR EMBEDDED INSTALLATION

The machine can be installed in one of two ways. The first is to place the machine on the existing floor. This imposes no special requirements on the building. Ramps are then included in the delivery. In the case of new installations, it is better to have an embedded installation which requires a 200 mm deep pit in the floor, so that loading and unloading takes place at the same level as the floor of the building.

*Recover heat with*

## **ECO-FLOW**

Wexiödisk's trolley machines are equipped with the ECO-FLOW heat recovery system. A smart solution where the energy from the washing process is used to heat the rinse water. During use, only cold water which is heated by the ECO-FLOW system is used. The working environment is also improved by utilising the energy in the outgoing hot air from the washing machine

and eliminating the need for a direct connection to the ventilation system. Instead of drying items with heat, an efficient spinning technology is used where the trolley is rotated at high speed. This also eliminates the risk of water being left behind in hidden pockets, such as behind handles, doors or hinges.

# Flexible for different type of items

The WD-18CW is able to cope with many different items and trolleys such as catering trolleys, tray trolleys, dispenser trolleys, rack trolleys, transport trolleys and various other heavily soiled items. (Always check the wash ability of the trolley with the manufacturer).

Please note that trolleys and other wheeled items do not need to be secured. The rotation action means they will be pressed against the inside of the rotating cage. All you need to do is wheel the items in, close the door and start the washing cycle!

## > TRAY TROLLEYS



## > MEAL TROLLEYS



## > RACK TROLLEYS



## > TRANSPORT TROLLEYS



## > TRANSPORT TROLLEYS



## > TABLE TROLLEYS



## > OTHER ITEMS





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