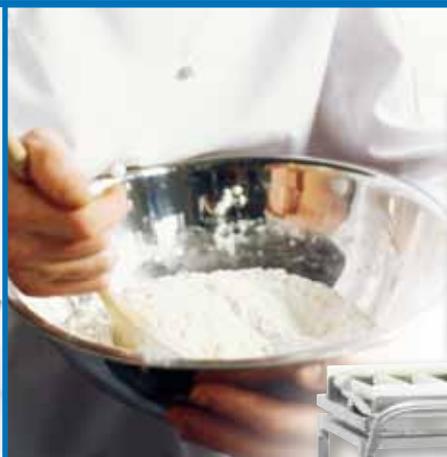


# ■ Pot dishwasher with granules WD-100GR



**Wexiödisk** 

[www.wexiodisk.com](http://www.wexiodisk.com)

# ■ Our history – clean dishes



## Wexiödisk was founded in 1972

The three founder members, with their experience of producing and developing catering equipment, saw the means of offering a range of dishwashers within the reach of distributors outside large established organisations. Thanks to knowledge, foresight and also the desire to be able to offer some really good products, a range of quality machines was created. The extraordinarily high quality and new innovations soon led to successful sales results, even outside Sweden.

## Our quality

Our ambition for all our customers to be satisfied has been our ethos right from the very beginning. So we focus on being able to provide safe machines with low operating costs as well as a good working environment rather than on a low purchase price. In other words, an early focus on Life Cycle Cost. Excellent dishwashing results are a given.

## Our partners

We have carefully chosen our partners who distribute, sell and service our products. Together, through close dialogue, a good product support system and training, we fulfil our customers' expectations. Today Wexiödisk is the leading supplier in Scandinavia, with a distribution network not only in Europe but also in Japan and Australia, amongst other countries. In recent years Wexiödisk has also won prestigious contracts in the inflight catering sector, a customer group with very high demands.

## Our products

We will continue to focus on product development, in order to maintain and improve customer satisfaction by having a competitive and technically advanced product range. To make this a reality, we use the latest technology together with skilled and competent employees. A complete production process, from raw materials to final product testing, equipped with automated machines and robots ensures quality and accessibility.

## Our environmental focus

Dishwashers use large amounts of energy, water and chemicals. As a result, in the last few years Wexiödisk has focused even more on the environmental aspect of its products, something which has led to the development of new unique products. ICS+ and DUPLUS are two of the new patented techniques that reduce the environmental impact. This is also reflected in the considerably lower operating costs.

## Everyday facts

Wexiödisk is situated in Växjö in the south of Sweden. The plant is about 11,000 m<sup>2</sup>. Wexiödisk employs about 175 people.

## Our ambition

Every new installation must result in a good reference!

**Wexiödisk** 



# ■ An ergonomic granule dishwasher for kitchens with frequent heavily soiled items

- The best wash results with granule technology
- Great flexibility with 6 programmes
- Unique through-feed machine
- Heat recovery system
- Low operating costs
- Effective washing and high capacity
- HACCP
- Service-friendly



## Excellent wash results with granule technology

Wexiödisk's pot dishwashers with plastic granules have a high capacity and clean effectively, giving high levels of hygiene at very low operating costs.

Washing with granules reduces the need for normal preliminary tasks such as soaking and scrubbing. Items are washed with a mixture of water, plastic granules and detergent. Burnt-on food particles are removed quickly and effectively without soaking. Only loose food particles need to be scraped off before washing. A number of unique programme options, including a spin cycle, enable the items to be dried quickly to ensure maximum hygiene.



*Fast and effective washing with plastic granules without soaking. Plastic granules part. no. 3-7260. Cleaning scraper part. no. 3-7261.*

## Unique through loading machine

Together with the loading bench and trolley, the through loading machine forms a system for a simple separation of clean and dirty items. The washing system for through loading includes two cassettes. While the first cassette is being washed the second is prepared. This reduces the time taken to swap the cassettes and increases the effective washing time. This type of washing system, in combination with correct loading of the cassette, increases capacity and creates an efficient and ergonomic flow of dishware in the dishwashing room.

## Heat recovery system

The machine is equipped with a heat recovery system, which preheats the cold water used for the final rinse. The system reduces the energy costs considerably. The heat recovery unit also condenses steam during the wash and thus minimizes the heat and humidity in the dishroom. Due to the efficient spinning cycle, only 6 litres of fresh water is used per washing programme.

## Low operating costs

The machine's unique spin cycle, combined with the rotation of items during the wash and final rinse cycles, produces excellent washing results and reduces the quantity of rinsing water required. Operating costs are minimized and drying results are considerably improved.

## Effective washing and high capacity

The patented dual pump system has two washing tanks: one for water mixed with granules and one for water without any granules. With the dual pump system a reliable granule separation is achieved.

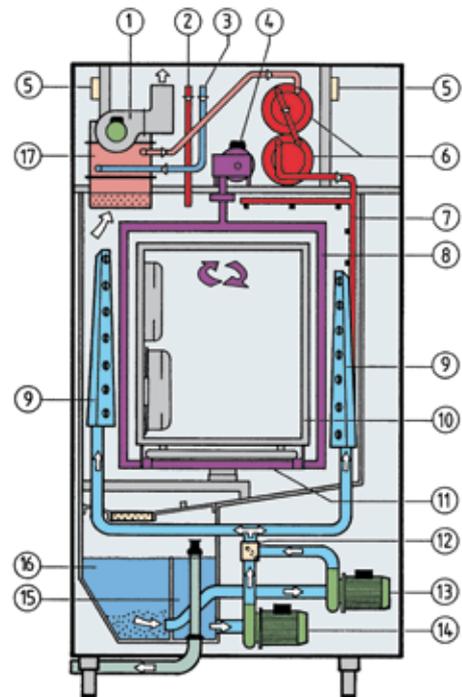
## Maximum control of hygiene with HACCP

The built-in HACCP quality system involves a number of critical control points for hygiene. HACCP is a preventive system which ensures that hygiene requirements are met during the washing process. Critical points, such as temperature and water flow, are easily followed and secured by the control system.

## Service-friendly

WD-100GR is designed with easy servicing in mind. Most components are easily accessible and service can normally be carried out from the front of the machine.

The position of the electrical cabinet at a convenient working height gives a clear overview of components.



1. Condensing fan
2. Hot water
3. Cold water
4. Rotating table motor
5. Door safety switch
6. Booster heater
7. Final rinsing arm
8. Drive frame
9. Wash arms, 4 pcs
10. Cartridge
11. Rotating table
12. Granule valve
13. Granule washing pump, 2 pcs
14. Washing pump
15. Wash tank
16. Wash tank with granules
17. Heat recovery unit



The WD-100GR is fitted with a text panel to display all information in plain text.

The control panel displays important information such as programme selected, remaining washing time, temperature, alarm, number of washing cycles, etc.

The control panel is also used to test functions in connection with maintenance and servicing.

## Great flexibility – simple handling

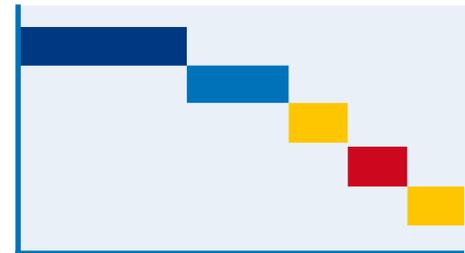
The machine's six washing programmes with variable washing times make them ideal for a wide variety of items. Programmes with or without plastic granules allow both heavily soiled items and fragile plastic objects to be washed. Programmes without a spin cycle make it possible for items which cannot be secured adequately in the cassette to be washed.

■ **Washing with granules:** During the first stage, the items undergo a powerful treatment: a high pressure wash with a mixture of plastic granules, water and detergent.

■ **Washing without granules:** The items are washed with a mixture of water and detergent. During the chemical washing phase, the granules are rinsed off the items and down into the granule tank.

■ **Spin cycle:** The washing pump stops and the spin cycle starts. The remaining water and granules are removed in the spin cycle and the rotating table returns to normal speed.

■ **Final rinse:** The items are given a final rinse with fresh water heated to 85°C via the booster heater, after which the final spin starts. The spin cycle removes the water from the items and enables fast drying for maximum hygiene.



- *Washing with granules*
- *Washing without granules*
- *Spin cycle*
- *Final rinse*

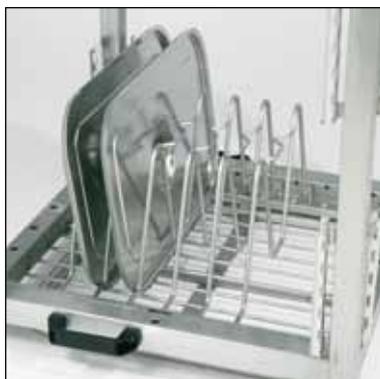


# ■ Accessories for WD-100GR

## – a selection for different types of dishware



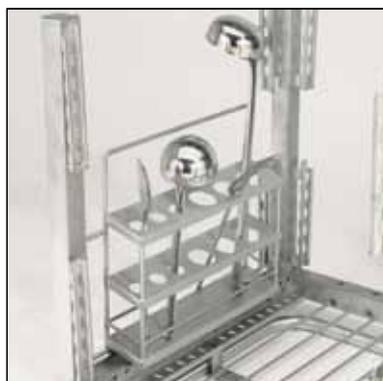
Washing cassette. Part. no. 3-7340  
Included in the delivery.



Lid holder. Part. no. 3-7341  
Included in the delivery.



Side holder. Part. no. 3-7354  
Included in the delivery.



Utensil holder. Part. no. 3-7353  
For utensils max 650 mm high.



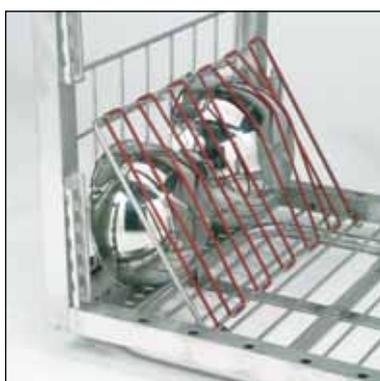
Wire basket  
Part. no. 3-7357



Holder for 1/3-, 1/6- and 1/9-containers  
Part. no. 3-7366



ABC container holder.  
Part. no. 3-7356



Flexible insert. Part. no. 3-7351  
Used together with side holder.



Allround holder  
Part. no. 3-7350

### The following peripherals and accessories are included as standard (through-loading machine)

Loading table	Part. no. 3-7370	1 pc
Trolley for transportation	Part. no. 3-7362	1 pc
Washing cassette	Part. no. 3-7340	2 pcs
Lid holder	Part. no. 3-7341	6 pcs
Side holder	Part. no. 3-7354	4 pcs
Short guide	Part. no. 3-7343	6 pcs
Long guide	Part. no. 3-7342	2 pcs

### The following peripherals and accessories are included as standard (front-loading machine)

Trolley for transportation	Part. no. 3-7362	1 pc
Washing cassette	Part. no. 3-7340	1 pc
Lid holder	Part. no. 3-7341	3 pcs
Side holder	Part. no. 3-7354	4 pcs
Short guide	Part. no. 3-7343	3 pcs
Long guide	Part. no. 3-7342	1 pc

# Technical data

Technical data	WD-100GR
Granule pump (kW)	2x2.2
Rinsing pump (kW)	2.2
Motor for the round table (kW)	0.37
Door drive motors (kW)	2x0.09
Booster heater (kW)	9
Heater tank (kW)	12
Condensing fan (kW)	0.12
Condensing fan, capacity (m <sup>3</sup> /h)	300
Heat recovery unit, cooling area (m <sup>2</sup> )	11
Tank volume (litres)	145
Weight, machine in operation (kg)	685
Granule volume (litres)	10
Degree of protection (IP)	55

Capacity and operation data	WD-100GR
Total time/washing programme 1** (min) Pr: washing with granules, with spin	5
Total time/washing programme 2** (min) Pr: washing with granules, with spin	8
Total time/washing programme 3** (min) Pr: washing with granules, with spin (can be excluded)	10.3
Total time/washing programme 4** (min) Pr: washing without granules, with spin	2.3
Total time/washing programme 5** (min) Pr: washing without granules, with spin	3.8
Total time/washing programme 6** (min) Pr: washing without granules, with spin (can be excluded)	6.8
Capacity, max (1/1 containers/programme)****	8
Capacity / h, Pr 1 (1/1-containers) incl. handling **** (pc)	90
Capacity / h, Pr 1 (1/2-containers) incl. handling **** (pc)	181
Cold water consumption rinse/programme (litres)*****	4-6
Energy consumption (kWh of connected power)	70-90%
Steam consumption *** (kg/h)	30
Sound level* (dB(A))	70
Max. surface temp. at room temp. 20°C (°C)	35

\* Measured 1 metre from the machine

\*\*

Factory setting. The washing time is adjustable.

\*\*\* Steam heated machine

\*\*\*\*

Max. capacity depending on the depth of the containers.

\*\*\*\*\* Applies under ideal conditions and program using spinning.

The water consumption depends on local conditions. An exact adjustment is made during installation.

Connection, electrically heated machine	WD-100GR
Total connected power (kW)	21
Main fuse 400V 3N~ (A)*	35
Max.conn.area 400V 3N~ (L1-L3,N,PE) Cu (mm <sup>2</sup> )	35

Connection, steam heated machine 50-250 kPa	WD-100GR
Total conn.power (kW)	4.8
Main fuse 400V 3N~(A)*	16
Max.conn.area 400V 3N~(L1-L3, N, PE) Cu (mm <sup>2</sup> )	16
Steam connection (internal thread)	R 1"
Connection condensation water (internal thread)	R ½"

\* Other voltages on request

Connection water, drain and ventilation	WD-100GR
Water quality, hardness (°dH)	2-7
Cold water connection 5-12°C (internal thread)	R ½"
Hot water conn. 55-70°C (internal thread)	R ½"
Drain connection, PP pipe (ø mm)	50
Water capacity hot water, pressure (kPa)	-
Water capacity hot water, flow (litres/min)	-
Water capacity cold water cooling, min/max pressure (kPa)	-
Water capacity cold water, pressure (kPa)	200
Water capacity cold water, flow (litres/min)	18
Water capacity hot water, min/max pressure (kPa)	100/600
Floor drain, capacity (litres/sec)	3
Ventilation of the machine (m <sup>3</sup> /h)	900

Size and weight for transportation	WD-100GR
Size (packaging included) LxWxH (mm)	1220x1320x2300
Weight (packaging included) (kg)	555

# Extra equipment

Machine model		Part. no.
WD-100GR	Through-loaded pot dishwasher, Right/Left	3-7301H
WD-100GR	Through-loaded pot dishwasher, Left/Right	3-7301V
WD-100GR	Front-loaded pot dishwasher	3-7301F
<b>Extra equipment WD-100GR Through-loaded and front-loaded</b>		
Booster pump 230/400V		3-7335
230V/3/50Hz		3-7332
Washing cassette for standard 500 x 500 dishwashing baskets		3-7364
Grid for standard basket 500x 500 mm		3-7365
Extension worktop		3-7371
Holder for lids		3-7341
Flexible insert		3-7351
Holder for GN 1/3, 1/6, 1/9		3-7366
Holder for GN 2/8		3-7368
Holder for pots, bowls, pans		3-7352
All-round holder		3-7350
Utensil holder		3-7353
Side holder		3-7354
Holder for canteen with handles		3-7356
Wire basket for small utensils		3-7357
Short runner		3-7343
Long runner		3-7342
Wall rack for runners		3-7358
Wall rack for lid holder		3-7359
Cutlery holder		3-7367
Wall rack for accessories		3-7360
Connection for external power restriction		3-7339
Connection for external power restriction Sicotronic		3-7339S
External power indication		3-7345
Operating panel right hand side		3-7321
Steam heated design, pressure 50-250 kPa		3-7338Å
Jet spray with 8-metre hose reel		3-7390
Connection line special length		3-7375
Granules 10 kg		3-7260



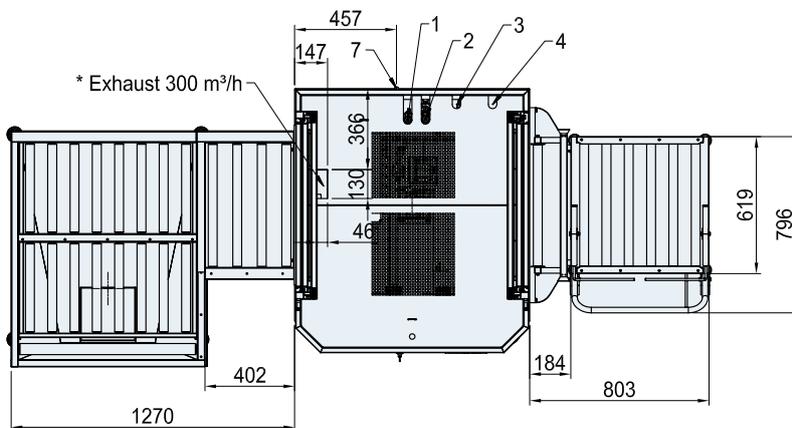
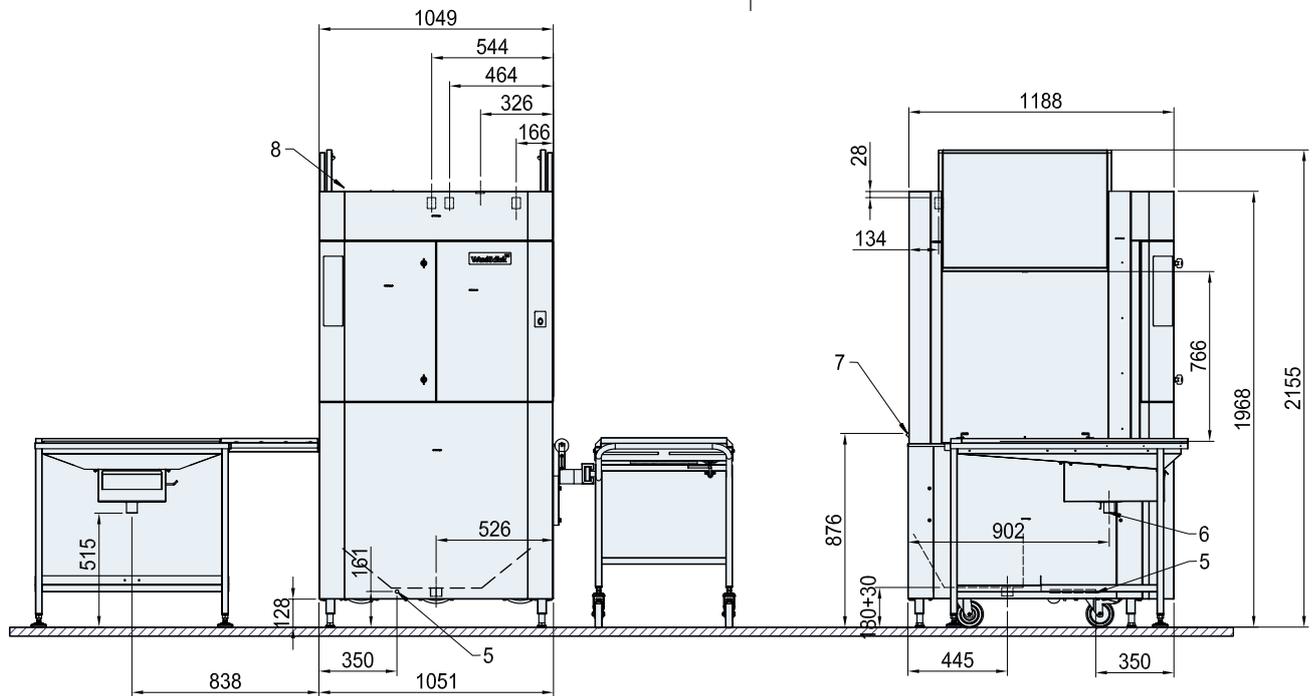
Trolley for transporting cassettes, part. no. 3-7362.



Loading bench, part. no. 3-7370 with rinsing unit, part. no 3-7390.

**Wexiödisk**

# ■ Dimensional drawings



1. Cold water connection 5-12°C, 250-500 kPa, R 3/4" internal thread
2. Hot water connection 55-70°C, 250-500 kPa, R 3/4" internal thread
3. Electrical connection, electrical heated 400V 3N 21kW 35A, steam heated 400V 3N 4,8kW 16A
4. Steam connection 50-250 kPa R1" internal thread, 30 kg/h (steam-heated machine)
5. Condensate water connection 90-95", R1/2" internal thread (steam-heated machine)
6. Drain connection 50 mm
7. Connection for detergent hose
8. General ventilation requirements 900m<sup>3</sup>/h \*10sec at the beginning of the wash cycle and 50 sec starting 10 sec after the final rinse starts.





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