

# Pot dishwasher with granules

WD-90GR HC

WD-90GR Flex



**Wexiödisk** 

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



**HOTEX**

**SERVICE**

[www.hotex.hu](http://www.hotex.hu)

# Our history – washing up the right way!

## Wexiödisk started up in 1972

Wexiödisk is a Swedish company founded in 1972 which ever since it opened for business has focused on offering the institutional catering sector the absolute best in dishwashers. The extraordinarily high quality and new innovations soon meant successful sales results.

## Quality

Our ambition for all our customers to be satisfied has been our ethos right from the very beginning. So we have focused on being able to provide reliable machines with low operating costs and a good working environment rather than a low purchase price, i.e. an early focus on Life Cycle Cost. Excellent cleaning results have always been seen as a matter of course.

## Partners

We have selected our partners for the distribution, sales and service of our products with great care. We are in close contact with them, provide product support and training and ensure that we meet the customer's expectations together. Today Wexiödisk is the market leader in Scandinavia with a distribution network covering not only Europe but also, for example, Japan and Australia. In recent years Wexiödisk has also won several prestigious contracts within flight catering, which is a customer group with extremely high requirements.

## Products

We will continue to invest significantly in product development in order to maintain and develop value to customers through a technologically advanced and competitive range of products. To assist us we have well-trained staff and hi-tech facilities. A complete production line, from plate-working to trial runs and equipped with automatic workshop machinery and robots, ensures top quality and availability.

## Thinking about the environment

Dishwashers consume large amounts of energy, water and chemicals. So in recent years, Wexiödisk has concentrated more on the environmental side of things, which has led to the development of several new and unique products. ICS+ and DUPLUS are the names of two patented principles that provide an exceptionally reduced environmental impact and considerably lower operating costs.

## Everyday life

Wexiödisk is based in Växjö in the south of Sweden. We have a working space of approx. 11,000 m<sup>2</sup> at our disposal and we have about 175 people working for us.

## Our ambition

– Every new installation must result in a good reference!



# Pot dishwashers, WD90GR, with granules for restaurants and institutional kitchens

## 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.

## 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

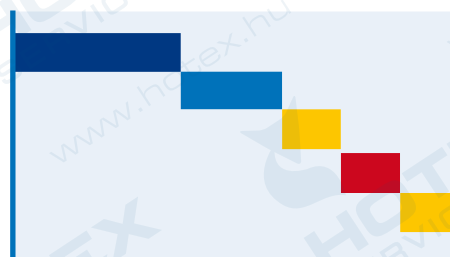
WD-90GR is designed with easy servicing in mind. Most components are easily accessible and service can normally be carried out from the front of the machine.

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

## 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.

## Washing process



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

■ **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:** After the washing without granules the spin cycle starts. The remaining water and granules are removed from the ware by the centrifugal power.

■ **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.

A fantastic new day  
– everyday!



# WD-90GR Flex

Flexible

- **Excellent washing results and fast drying** with centrifuging spin cycle
- **Unique rectangular cassette** holds items of various shapes and sizes
- **High capacity** for washing small containers
- **Wide range of accessories** for variable items
- **8 x ½-containers per wash program**
- **Hinged door** enables for easy cleaning
- **Six wash programs with HACCP function**





# – a compact dishwasher for restaurants and small institutional kitchens

The WD-90GR Flex dishwasher and peripherals and accessories make up a washing system which has been developed for restaurants and small institutional kitchens. The machine washes using a mixture of water, plastic granules and detergent, reducing the need for normal preliminary tasks such as soaking and scrubbing.

The washing cassette and accessories have been developed for various types of items such as pots, grills with GN dimensions and small mixing bowls. The machine offers high capacity when washing  $\frac{1}{2}$ -containers and smaller containers with GN dimensions. The cassette holds four  $\frac{1}{1}$  containers or eight  $\frac{1}{2}$  containers. Cassette accessories are used for the simple washing of pots, grill pans, small containers and other food preparation accessories used by restaurants and institutional kitchens.

The washing system can be combined with other types of cassettes, increasing flexibility and capacity for different types of containers and heavily soiled loads.

The items are handled on the door of the machine to minimise granule spillage on the floor. The door can easily be lowered towards the floor to facilitate internal cleaning and the handling of components in the dishwashing area of the machine.

The WD-90GR Flex is a compact dishwasher. Used together with the sorting bench and its rinsing unit, it ensures the efficient flow of dishware items. The rinsing unit can be used both for rinsing dishware before washing and for cleaning the machine and dishwashing room.



Table trolley, part. no. 3-7262 for transporting cassettes.

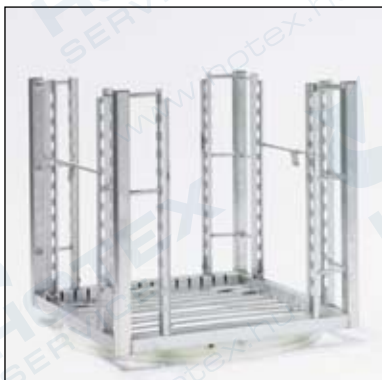


Sorting bench, part. no. 3-7270 for emptying waste food and accumulating soiled items.



Holder for accessories, part. no. 3-7257. Fits on to the left- or right-hand side of the machine.

# A selection of accessories for WD-90 GR Flex



Square shaped cassette, part. no. 3-7276  
Included in the delivery.



Side holder, part. no. 3-7354  
3 pcs included in the delivery.



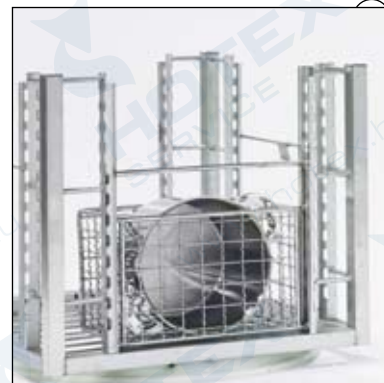
Lid holder, part. no. 3-7280  
3 pcs included in the delivery.



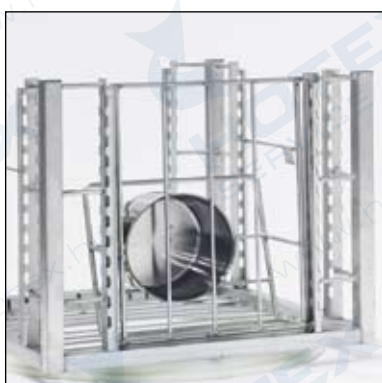
Flexible insert, part. no. 3-7281  
Used together with side holder.  
Included in the delivery.



Utensil holder, part. no. 3-7277



Wire basket, part. no. 3-7278



Holder, part. no. 3-7279  
For small pots and bowls.



Allround holder, part. no. 3-7273  
For pots with handles and ABC-containers.



Holder for 1/3, 1/6, 1/9 containers,  
part. no. 3-7282

The following accessories are included as standard:

Cassette	Part. no. 3-7276	1 pc
Lid holder	Part. no. 3-7280	3 pcs
Side holder	Part. no. 3-7354	3 pcs
Flexible insert	Part. no. 3-7281	1 pc





# WD-90GR HC

High capacity

- **Excellent washing results and fast drying** with centrifuging spin cycle
- **Unique hexagonal cassette** with high capacity for washing containers, holds six ½ or 1/1 containers
- **High capacity** for washing GN containers
- **Wide range of accessories** for various items
- **Accessories** for washing 65 and 40 mm-deep 2/1 containers and baking trays 600x400 mm
- **Hinged door** enables for easy cleaning
- **Six wash programs with HACCP function**





# – an effective dishwasher for institutional kitchens that wash containers

The WD-90GR and peripherals together with accessories make up a washing system which is ideal for small institutional kitchens with frequent loads of containers to be washed. The machine washes using a mixture of water, plastic granules and detergent, reducing the need for normal preliminary tasks such as soaking and scrubbing.

The machine's unique hexagonal cassette gives a high capacity for washing 1/1 and ½ containers. With a single insert, the cassette's dimensions allow two 2/1 containers, 65 and 40 mm deep and baking trays measuring 600x400 mm, both flat and those with a 20 mm lip, to be washed. Grills measuring 600x400 mm can also be washed.

The washing system can be combined with other types of cassettes, increasing flexibility and capacity for different types of containers and heavily soiled loads.

The WD-90GR HC is a compact machine. Used together with the sorting bench and its rinsing unit, it ensures the efficient flow of dishware items. The rinsing unit can be used both for rinsing dishware before washing and for cleaning the machine and dishwashing room.



Table trolley, part. no. 3-7262,  
for transporting cassettes.



Sorting bench, part. no. 3-7270 for emptying  
waste food and accumulating soiled items.



Holder for accessories, part. no. 3-7257.  
Fits to the left- or right-hand side of the  
machine.



# A selection of accessories for WD-90GR HC



Hexagonal cassette, part. no. 3-7285  
Included in the delivery.



Pot holder, part. no. 3-7255  
For large pots. Included in the delivery.



Grid, part. no. 3-7284  
For 2/1 containers, grids, baking plates.  
Included in the delivery.



Utensil holder, part. no. 3-7251  
For hexagonal cassette and round basket.



Flexible insert, part. no. 3-7283  
Rubber rope holder for bowls and pots.



Pot holder for small pots, part. no. 3-7254



Pot holder, part. no 3-7268  
For frying plates and pots.



ABC- and lid holder, part. no. 3-7253



Basket for ABC containers,  
part. no. 3-7259

The following accessories are included as standard:

Hexagonal cassette	Part. no. 3-7285	1 pc
Pot holder	Part. no. 3-7255	1 pc
Grid for 2/1 container	Part. no. 3-7284	1 pc

# Part numbers - Extra equipment

Machine model		Part. no.
WD-90GR Flex	Pot dishwasher with standard equipment	3-7204
WD-90GR HC	Pot dishwasher with standard equipment	3-7206
<b>Extra equipment WD-90GR Flex / WD-90GR HC</b>		
Booster pump 230/400V		3-7235
Steam heating 50-250kPa 400V 3N~ 50Hz		3-7238Å
Connection for power monitor		3-7239
Connection for Sicotronic power monitor		3-7239S
Stainless steel connections		3-7240
Rinsing unit for sorting bench		3-7390
Grill cover for 50x50 dishwashing basket		3-7365
Booster pump 230/400V		3-7335
Air gap		3-7333
Steam heating 50-250kPa 400V 3N~ 50Hz		3-7338Å
Connection for power monitor		3-7339
Connection for power monitor Sicotronic		3-7339S
Infeed bench front-fed		3-7337
Cassette for standard 50x50 dishwashing basket		3-7364
Grill cover for 50x50 dishwashing basket		3-7365
Extension bench, infeed		3-7371
Connection track, special length		3-7375
Rinsing unit for infeed bench		3-7390
Infeed and outfeed track, length 2000 mm		3-7381

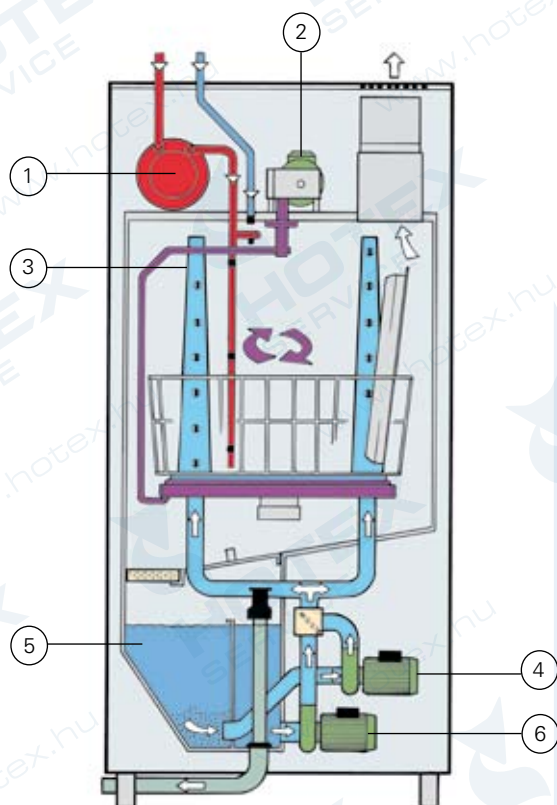


Diagram of a pot washing machine

1. Booster heater
2. Cassette drive motor
3. Wash arms
4. Granule pump
5. Washing tank with granules
6. Washing pump

# Technical data

Technical data	WD-90GR Flex	WD-90GR HC
Granule pump (kW)	2.2	2.2
Rinse pump (kW)	1.5	1.5
Motor for the round table (kW)	0.18	0.18
Door drive motors (kW)	-	-
Booster heater (kW)	9	9
Heater tank (kW)	9	9
Tank volume (litres)	100	100
Weight, machine in operation (kg)	430	430
Granule volume (litres)	5	5
Degree of protection (IP)	55	55

Capacity and operation data	WD-90GR Flex	WD-90GR HC
Total time/wash program 1** (min)	5 <sup>a)</sup>	5 <sup>a)</sup>
Total time/wash program 2** (min)	8 <sup>a)</sup>	8 <sup>a)</sup>
Total time/wash program 3** (min)	2.5 <sup>b)</sup>	2.5 <sup>b)</sup>
Total time/wash program 4** (min)	4.5 <sup>c)</sup>	4.5 <sup>c)</sup>
Total time/wash program 5** (min)	7.5 <sup>c)</sup>	7.5 <sup>c)</sup>
Total time/wash program 6** (min)	2 <sup>d)</sup>	2 <sup>d)</sup>
Capacity, max (1/1 containers/program)****	4	6
Capacity / h, Pr 1 (1/1-containers) incl. handling ****(pc)	45	68
Capacity / h, Pr 1 (1/2-containers) incl. handling ****(pc)	90	68
Cold water consumption rinse/program (litres)	5	5
Water consumption cooling/program (litres)	1.5	1.5
Energy consumption (kWh of connected power)	70-90%	70-90%
Steam consumption *** (kg/h)	15	15
Sound level* (dB(A))	68	68
Max. surface temp. at room temp. 20°C (°C)	30	30

- \* Measured 1 metre from the machine  
 \*\* Factory setting. The wash time is adjustable  
 \*\*\* Steam heated machine  
 \*\*\*\* Max. capacity depending on the depth of the containers.

- a) Washing with granules, with centrifugation  
 b) Washing without granules, with centrifugation  
 c) Washing with granules, without centrifugation  
 d) Washing without granules, without centrifugation

Connection, electrically heated machine	WD-90GR Flex	WD-90GR HC
Total connected power (kW)	11.3	11.3
Main fuse 400V 3N~ (A)*	20	20
Max.conn.area 400V 3N~ (L1-L3,N,PE) Cu (mm²)	16	16

- \* Other voltages on request

Connection, steam heated machine 50-250 kPa	WD-90GR Flex	WD-90GR HC
Total conn.power (kW)	2.4	2.4
Main fuse 400V 3N~ (A)*	16	16
Max.conn.area 400V 3N~ (L1-L3, N, PE) Cu (mm²)	16	16
Steam connection (internal thread)	R ½"	R ½"
Connection condense water (internal thread)	R ½"	R ½"

- \* Other voltages on request

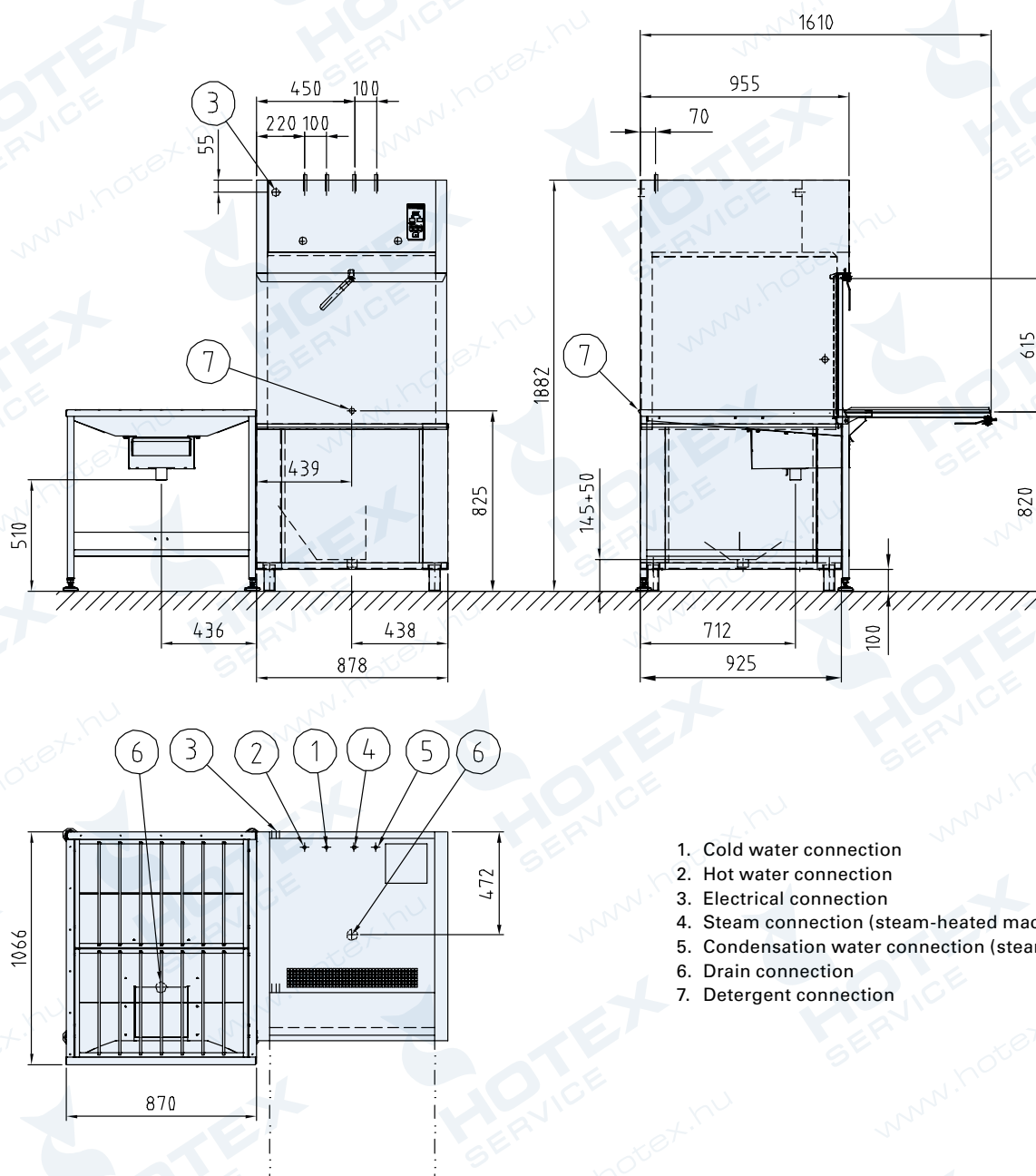
Size and weight for transportation	WD-90GR Flex	WD-90GR HC
Size * LxWxH (mm)	1060x900x1950	1060x900x1950
Weight * (kg)	340	340

- \* Packaging included



Connection water, drain and ventilation	WD-90GR Flex	WD-90GR HC
Water quality, hardness (°dH)	2 - 7	2 - 7
Cold water connection 5-12°C (internal thread)	R ½"	R ½"
Hot water connection 55-70°C (internal thread)	R ½"	R ½"
Drain connection, PP pipe (ø mm)	50	50
Water capacity warm water, pressure (kPa)	250	250
Water capacity warm water, flow (litres/min)	15	15
Water capacity cold water cooling, min/max pressure (kPa)	100/600	100/600
Floor drain, capacity (litres/sec)	3	3
Ventilation of the machine (m³/h)	600	600

## Dimensional drawings





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