

Cleaning power  
for outstanding performance and  
spotless results



# Dishwashers from Miele – the obvious choice for restaurant owners and kitchen chefs



Miele's new tank dishwashers, as frontloading or passthrough models, represent an ideal solution to meet the dishwashing needs of restaurants, hotels and smaller canteens. Miele's PG 8172 Eco with heat recovery is first choice when it comes to economic and energy-efficient operation.

## **Quality**

Perfect cleaning performance, a brisk pace and stamina are the attributes attached to a dishwasher which can be seen a professional chef's best aide. Miele confirms the great trust placed in it by users with a typical combination of high-quality materials, perfect workmanship, mature and sophisticated technology and practical innovations.

## **Performance**

While the professionals in the kitchen rise to the challenges of their task, Miele dishwashers are hard at work producing sparkling results cycle after cycle. No matter whether they are coping with mountains of crockery, glasses, cutlery or pots and pans – in the rough and tumble of everyday work, you can rely on all your wares being ready for use again in next to no time.

## **Efficiency**

Economy and ecology are closely related in modern commercial kitchens. The new Miele PG 8172 Eco dishwasher with heat recovery combines business economics commendably with the efficient use of natural resources. A worthwhile investment which pays its way in the shortest of times, reducing the burden on both your finances and the environment. thus protecting the environment.



With Miele Professional, you are committing to mature technology, smart innovations and many decades of experience in the development of commercial dishwashing systems for professionals. According to a market survey\*, 97% of Miele customers would buy again from Miele Professional next time.

- 'Immer besser' or 'Forever better' has been Miele's promise of top-class products, safe processes and a sense of responsibility towards the environment for the past 110 years.**
- A family-run company now managed by the fourth generations of the founding families
  - A product policy with a clear focus on quality, innovation and sustainability
  - Dishwashers 'Made in Germany'
  - Design prizes for innovative, functional and durable products
  - Entire systems from a single supplier
  - Lower operating costs over entire product life cycle (Total Cost of Ownership)
  - Service excellence through service network providing blanket coverage



# PG 8172 and PG 8172 Eco: A systematic approach to efficient dishwashing





Features may vary depending on the model  
Baskets and inserts optional

# PG 8172 and PG 8172 Eco dishwashers



Baskets optional



Dishwasher model	PG 8172 (10.8 kW boiler)	PG 8172 ECO (6.4 kW boiler)
Theoretical capacity [plates/baskets/h]	1296/72	1296/72
Shortest programme cycle [seconds]	50	50
Programmes	3 + additional programmes	3 + additional programmes
External dimensions H (open)/W/D [mm]	1515 (1995) 635/750	2195 (2195) 635/750
Water connections	CW/HW max. 60°C	CW
Heat recovery from	Waste water	Waste air and water
Water softener, max. 25°C	Depending on model	Depending on model

Electrical connection		PG 8172 (10.8 kW boiler)	PG 8172 ECO (6.4 kW boiler)
Voltage	Fuse rating	Total rated load	Total rated load
3N AC 380 V 50 Hz	16 A	8.3	7.1
	16 A	9.1	7.9
	25 A	13.2	10.2
	32 A	14.7	–
3N AC 415 V 50 Hz	15 A	9.5	6.9
	16 A / 20 A	9.7	8.4
	25 A	14.2	10.9
	32 A	15.7	–
3 AC 230 V, 50 Hz	25 A	–	7.8
	32 A	–	10.1
1N AC 230 V 50 Hz	32 A	–	6.9
1N AC 240 V 50 Hz	25 A	–	5.1
	32 A	–	6.8

# Product flexibility leaving nothing to be desired



Stainless-steel casing (AE)	Standard	2 dispenser pumps (DOS)	Integrated water softener (WES)	DOS and WES
Standard	PG 8172 AE	PG 8172 AE DOS	PG 8172 AE WES	PG 8172 AE DOS WES
Eco (400 V only)	PG 8172 ECO AE	PG 8172 ECO AE DOS	PG 8172 ECO AE WES	PG 8172 ECO AE DOS WES

## Product version:

### Integrated dispenser pumps (DOS)\*

The automatic dispensing of liquid detergent and surfactant saves valuable time and supports processes by ensuring perfect dispensing every time.

Even the basic models PG 8172 AE and PG 8172 ECO AE feature an integrated dispenser pump for the automatic dispensing of surfactant.

## Product version:

### Integrated water softener (WES)\*

Water hardness has a considerable impact on dishwashing results. Therefore both models feature an integrated water softener. If tap water in your catchment area is extremely hard or if you are faced with large quantities of critical items, it may nevertheless be recommendable to install an on-site water softener.

## Product version:

### Integrated dispenser pumps (DOS) and integrated water softener (WES)\*

The DOS and WES features perfectly combine the convenience of automatic dispensing with perfect water quality, ensuring that you are perfectly equipped to cope with the everyday challenges facing a commercial dishwasher.

\* Not available as a factory fitted option on 230V version.

# As dishwashers must be 100% reliable, Miele's clear focus is on quality and functionality.

With its new PG 8172 and PG 8172 Eco dishwashers, Miele Professional is once again showing off its expertise in the field of innovative cleaning systems, first-class cleaning performance, high-capacity throughput, top-class user convenience and compelling cost-efficiency.



## Cleaning performance

The new Miele dishwashers combine thorough cleaning and the gentle care of wares to perfection.

- Two large and wide spray arms distribute water to all corners of the cabinet
- Programmes catering for specific loads adjust cycle times, main wash temperature, spray pressure, water volume and dispensing concentration to the requirements in hand
- Optional feature set including dispenser pumps and water softener



## Cleaning capacity

The technical approach on Miele dishwashers combines speed, efficiency, performance and cost-effectiveness.

- Shortest programme cycle: 50 secs.
- Capacity of up to 72 baskets/h
- Broad assortment of baskets for crockery, glassware, cutlery, trays and pots and pans



## Hygienic safety

Hygiene regulations are increasingly dictating processes in commercial kitchens. With Miele's approach to hygiene, you can rest assured of always being on the safe side when it comes to dishwashing.

- Permanent filtration of entire volume of water in circulation
- Highly efficient cyclone separator to filter out even smallest particles
- Filtered debris drained off after each cycle
- Crevice-free deep-drawn tank offers little chance of dirt and soil gathering
- Cove-cornered design ensures simple cleaning





#### **User safety and process security**

Sensors and control indicators monitor cleaning, report faults and remind of the need for servicing.

- Simplest of user interfaces using touch display with symbols
- Use of different colours to depict various process phases
- On-going monitoring of wash water using water turbidity sensor and filter system permeability checks
- Monitoring of rotating spray fields
- 'Container empty' indicator for detergent canisters
- Operating data including all HACCP and hygiene-relevant data saved



#### **User convenience**

Fast, safe and convenient – even when work piles up, Miele dishwashers ensure smooth and stress-free operation.

- Large handles on the hood ensure ease of use
- Automatic programme start on closing hood
- Optional feature: automatic opening of hood
- Easy-to-clean surfaces



#### **Product flexibility**

Miele pass-through dishwashers are capable of achieving maximum throughput on the smallest of footprints.

- Installation as linear or space-saving corner model possible
- Standard basket carriers for common 500 x 500 mm baskets
- Optional conversion kit for 530 x 530 mm and 530 x 500 mm baskets

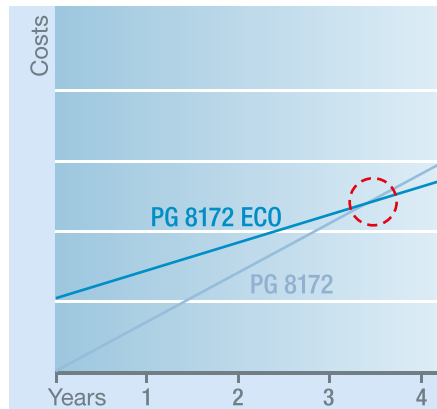


Illustration shows Miele PG 8172 Eco dishwasher

Features may vary depending on the model  
Baskets and inserts optional

# PG 8172 Eco version: lower operating costs, fast capitalisation of investments

Miele dishwashers excel throughout their entire life cycle in terms of the total cost of ownership, taking the machine, electricity, detergents and servicing into account. The heat recovery unit on the PG 8172 Eco is an investment worth making on the basis of savings achieved through heat recovery alone.



## Energy recycling

The sparing use of resources and energy conservation are key criteria when investing in a commercial dishwasher. All new models from the new dishwasher series utilise the heat of waste water to pre-heat the cold water intake. The Eco version also recuperates heat from waste air, cutting operating costs by up to 20% per cycle.

## Improved room micro-climate

The room climate, too, profits from energy recycling on the PG 8172 Eco by reducing the air temperature and discharging less steam. Before releasing hot air into the room, the steam is condensed using the cold water intake line to reduced humidity levels by up to 50%.

## Fast capitalisation

The innovative features of the Eco version with its comprehensive heat recovery system makes it a worthwhile investment with a view to slashing operating costs. The higher initial outlay is capitalised in the shortest of times – even after as little as 3.5 years, depending on the intensity of use and local energy costs.

## Energy to meet demands

The active energy management system is a further highlight with a focus on the efficient use of energy. It demonstrates great flexibility in distributing available energy throughout programme cycles, making for shorter cycles and faster initial heat-up.

*'High performance, perfect results and cost efficiency –  
with a Miele dishwasher I know I am on the safe side when it  
comes to hygiene.'*

*Andreas Merschjohann, proprietor of Königs Hotel*



# Thorough cleaning for spotless results and immaculate hygiene

Thorough cleaning is a prerequisite for hygiene and high-class hospitality. The cleaning performance of Miele's new dishwashers ensures spotless and sparkling results in next to no time. With individualised programme packages, these machines can be put to a wide range of uses in hotels, restaurants and smaller canteens.

## Outstanding results

Miele pass-through dishwashers come with a variety of programme packages to allow them to be tailored to specific dishwashing needs. Whether bistro washer, glass washer or commercial dishwasher – cleaning parameters are ideally suited to the load in hand and the level of soiling.

The adjustment of spray pressure, rinse times as well as main wash cycle times and rinse temperatures ensures the thorough removal of even the heaviest of soiling as well as the gentle care of delicate surfaces and glasses.

A broad array of cleaning programmes is further complemented by various service and convenience functions. Alongside a self-cleaning programme for the thorough cleaning of the machine cabinet. These include programmes for a first wash of newly purchased glasses and a cycle for descaling the cabinet.

## Safe hygiene

Faced with the rough and tumble of workaday life, Miele dishwashers excel in terms of top-class cleaning performance from the very first cycle through to the last. The filtration system captures the entire water in circulation and is a permanent feature. In addition, wash water is pumped through the cyclone separator to filter out even fine debris.

Sensors constantly monitor and regulate the wash water, e.g. by increasing the volume of water taken in for the rinse cycle or by reporting blocked spray arms and clogged filters.

This approach to hygiene also has economic effects which should not be underestimated, such as extending tank water replacement cycles and optimising the use of detergents.

## High cleaning performance

Miele dishwashers pave the way for cleaning large loads both quickly and conveniently. With wash water held constantly at temperature, the main wash can commence immediately as soon as the hood is closed. Wide spray arms guarantee an intensive clean, whilst programmes tailored for the needs of specific loads ensure short cycle times of no more than 50 seconds. This results in throughput rates of 72 baskets per hour or 1296 plates per hour.

Beside such an insatiable appetite for washing dishes, the PG 8172 Eco in particular boasts a highly favourable energy balance. Heat-recovery technology recuperates heat from waste air and water, resulting in the conservation of energy and the rapid capitalisation of investments.



# Miele accessories – as individual as your working day



## **The right basket for every load**

Just like the dishwasher itself, Miele baskets excel in terms of their choice materials, excellent workmanship and functional design.

A comprehensive basket range ensures simple handling - from saucers to large underplates, from pots and pans to delicate glassware and all the other utensils used in a commercial kitchen.

- Easy-to-stack plastic baskets for the transportation and storage of large quantities of crockery and glassware
- Open, plastic-coated wire baskets produce exceptional cleaning results and allow loads to dry fast

## **Systematic approach to ensuring perfect work patterns**

No matter how your working day is structured, Miele is able to integrate its dishwashers, tables and accessories into a workflow aimed at maximising efficiency.

- Universal tables and infeed tables with an integrated sink
- Scraps container on mobile base
- Backsplash panelling

# A systematic approach towards cleaning, hygiene and top-class performance



## **Spotless results on crockery, cutlery, glasses and other utensils**

Alongside pass-through dishwashers, Miele's range is further augmented by other high-performance front-loading dishwashers.

## **Frontloader with unique fresh water system to meet the highest of hygiene requirements**

- 2 wash levels
- Mixed loads (crockery, cutlery, glassware)
- Spotlessly clean glasses and cutlery without the need for polishing
- Thermal disinfection cycle for excellent protection against infections

## **Frontloader with tank system**

- Very short cleaning cycles lasting less than 90 secs.
- Special glass washer with a capacity of up to 2,940 glasses/hour

## **Only 4 simple questions away from the right dishwasher**

A dishwasher which meets individual needs with precision, increases productivity, reduces costs and simplifies daily work. Based on the responses to 4 simple questions, Miele is able to issue a product recommendation and point clients in the direction of a local dealership. This all goes towards ensuring that your dishwasher fits the bill perfectly.

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

Miele Company Limited  
Fairacres  
Marcham Road  
Abingdon  
Oxfordshire  
OX14 1TW

Tel: 0845 365 6636  
[www.miele-professional.co.uk](http://www.miele-professional.co.uk)

**Forever Better**

Since 1899, Miele - a family run company - has subscribed to a corporate philosophy condensed into the two words 'Forever better'. Two words which form the foundation for the highest of quality and production standards and have given rise to the innovating prowess of a brand 'Made in Germany'. A brand promise which gives commercial users the certainty of having chosen the right product.

**Award-winning**

Miele products' unerring focus on top quality and dependability is the reason why Miele has been repeatedly voted best and most reliable brand, most recently in 2012. In consumer surveys, Miele's product brand also comes out top in the 'Fair production conditions' category.

**Single-source supply**

Miele Professional offers commercial users durable and long-lasting washer-extractors and tumble dryers, dishwashers, washer-disinfectors and sterilisers together with accessories and standards of service and pre-sales advice which are of a similar quality. And, if things should go wrong, Miele's after-sales service operation has been acclaimed for many years in succession for its excellence (in an annual survey performed by ServiceBarometer AG, Munich).