



Miele

Miele Professional

Laundry and dishwashing
solutions for the care sector.

**A range of reliable and cost effective dishwashers and
laundry machines** for care environments.



Introduction

Miele offers a full range of high quality laundry and dishwashing machines designed to excel and impress in a sector where great importance is placed on hygiene and exceptional cleaning results.

Our well earned reputation for building high quality machines that provide consistent and reliable long-term service are ideal for the care sector where costs and minimal downtimes are key factors. Long term ownership is a feature of every Miele machine.

Efficient, programmable, and easy to operate, all our laundry and dishwashing

machines are designed to save space, energy and water use.

We have a laundry range to cater for all sizes of care business and any level of throughput; from our acclaimed Little Giant range, to our impressive on-premise barrier wash systems.

Equally impressive are our HYGIENE freshwater dishwashers which are capable of washing over 450 plates per hour. Final freshwater rinse cycles of up to 85°C* meet the highest hygiene requirements along with a perfectly clean wash, every time.

The cost and environmental benefits of reliable and long lasting machines are appreciated by our customers. In a recent survey, 97% of customers stated that they would buy from Miele next time

BB

Since having Miele installed in the business we have been very impressed. We are very happy with the Miele equipment we have chosen for our laundry which runs all day, every day. Analysis of the consumption data has shown that the machines are more efficient in water and energy use and I would definitely recommend Miele.

Tony Antonopoulos
Heritage Gardens



A comprehensive range of cost effective and reliable washers, dryers, ironers and dishwashers **designed to meet the requirements of the care sector.**

* Dependent on water electrical supplies

6.5-32kg
load capacity

526
g-factor for
6.5kg machines

30,000
washing machines
tested to 30,000
wash cycles

On premise laundry

Our range of high quality washer-extractors, tumble dryers and ironers offer a perfect total laundry solution for small and medium sized care homes.

Miele have been designing and building laundry machines and cleaning methods for the care sector for decades. Our reputation for quality and reliability has gained us a loyal and satisfied customer base of care homes who wouldn't trust their laundry to anyone else.

Our range of 6.5 - 32kg washers and dryers meet all legislation guidelines and offer flexible and harmonised solutions for care homes of all sizes. To further cater for individual needs, we offer a variety of accessories which, along with a range of ironers, complete any laundry system.

Key features:

- 6.5 - 32kg throughput capacities
- Conforming to AS/NZS 4146-2000 regulations
- High g-factor reduces residual moisture, shortening drying time and minimizing costs
- Designed, tested, and built to last up to 30,000 wash cycles
- Condenser & vented dryers offers full installation flexibility
- Dryers feature residual moisture sensor
- Drain pump or drain valve options
- Stackable design options up to 8kg
- 24 hour delay start

The laundry range:

6.5kg machines:

| Washers | Dryers |
|---------|----------|
| PW 5065 | PT 5136 |
| PW 6065 | PT 7135c |
| | PT 7136 |

8 – 10kg machines:

| Washers | Dryers |
|------------------------------|---------|
| PW 6080 | PT 7186 |
| PW 5105 | |
| PWT6089 - washer dryer stack | |

11 - 32kg machines:

| Washers | Dryers |
|---------|---------|
| PW 811 | PT 8303 |
| PW 413 | PT 8253 |
| PW 814 | PT 8333 |
| PW 418 | PT 8404 |
| PW 818 | PT 8503 |
| PW 6241 | PT 8803 |
| PW 6321 | |

Ironers:

| |
|---------|
| PM 1210 |
| PM 1214 |
| PM 1217 |



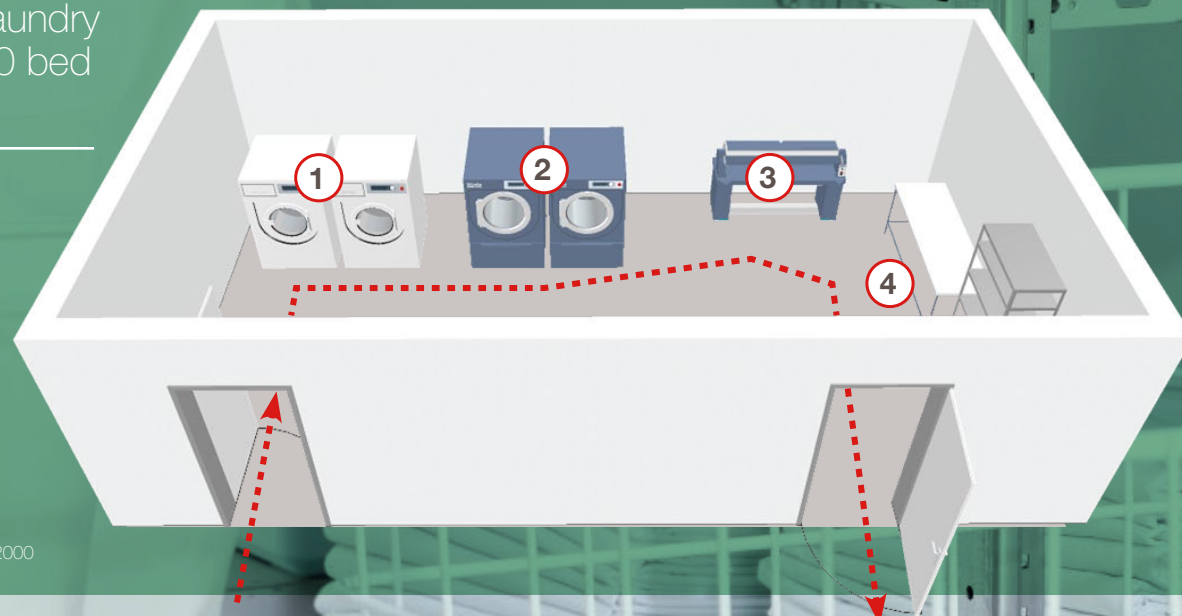
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As we significantly expanded, Miele assisted us to bring our laundry services on site. We know the equipment to be durable, easy to use and reliable. The service received from Miele has provided us with innovative and practical solutions to our laundry service delivery. Miele has always been the brand we have used and it has not let us down.

Julian Simpkins
Olivet Aged Care

An example of laundry workflow for a 60 bed care home*

- 1: Commercial washing machines
- 2: Commercial tumble dryers
- 3: Commercial ironers
- 4: Racking & trolleys



*Ensure to refer to AS/NZS 4146-2000

24-32kg
load capacity

30,000
Tested to 30,000
wash cycles

360
g-factor

Barrier wash laundry

Miele offer a range of barrier wash machines that provide the ultimate defence to cross contamination with totally separate 'clean' and 'dirty' sides.

Our barrier washer-extractor range is the perfect solution for nursing and care homes where the spreading of micro organisms through laundry items needs to be nullified. With a range of capacities from 24 to 32kg, all our barrier washer-extractors are ergonomically designed for ease of use and optimum efficiency throughout the wash. Drum auto-alignment and locking at the end of the wash, easy loading and easy programming all help to streamline the laundry process. Our patented honeycomb drum is standard on all models and ensures gentle care of all textiles, prolonging their life and providing a noticeable, high quality finish.

Key benefits:

- Designed and tested last up to 30,000 wash cycles
- Clean and unclean sides for segregation of contaminated laundry
- Automatic drum positioning for ease of loading and unloading
- Load capacity of up to 32kg
- Freely programmable controls
- Slim design for easy installation and access.
- Patented honeycomb drum for maximum fabric care

Barrier washer range:

| | |
|---------|------|
| PW 6243 | 24kg |
| PW 6323 | 32kg |



“The cleaning staff absolutely love the laundry. The barrier washer-extractor machines provide us with peace of mind that we have optimal infection control.”

Colin Seatter
Prior's Court School



A typical room layout for a barrier wash system with clean and dirty sides



6.5 - 32kg
load capacity

42
minutes shortest 'Mops
Standard' wash cycle
for PW5064

22%
residual moisture for PW
5064 leaving mops ready
for immediate use.

Mop washing

For efficient cleaning of corridors, reception area and rooms, cleaning material must always be on hand and in perfect condition.

Miele's Mopstar washing machines are specifically designed for the reprocessing of mops, cleaning cloths and other textiles. They tackle the job of washing and impregnating cleaning cloths with disinfectants or detergents in one single process.

This innovative wash programme divides up into three distinct stages. Textiles are 'dewatered' in order to remove coarse soil and dirty water. Then with the wash and disinfection cycle that follows, the textiles can now be reliably and thoroughly wetted. The mops and cleaning cloths come out ready to use and can be deployed immediately or stored unfolded on the cleaning trolley.

Thanks to the fully automatic dispensing of up to twelve liquid products, Mopstar washing machines adapt flexibly to a variety of cleaning challenges.

Mopstar range:

| | |
|---------|---------|
| PW 5064 | 6.5kg |
| PW 811 | 11-12kg |
| PW 413 | 13-14kg |
| PW 814 | 14-16kg |
| PW 418 | 18-20kg |
| PW 818 | 18-20kg |
| PW 6241 | 24kg |
| PW 6321 | 32kg |

“We like that the machines are commercially appropriate and environmentally sustainable, and we have benefited the most from the reliability and leading edge technology.”

Steven Ellitt

Royal Freemasons' Benevolent Institution



| | | | | | |
|-----------------------------------|------------------------|--------------------------------|------------------------------------|------------------------|------------------------------|
| 5 | 456 | 85°C | 55 | 1188 | 90°C |
| minute shortest wash cycle PG8059 | plates per hour PG8059 | final rinse temperature PG8059 | seconds shortest wash cycle PG8166 | plates per hour PG8166 | rinse temperature for PG8166 |

Warewashing

A complete dishwashing system designed to save time and increase throughput, without compromising on a high quality wash. From small to large facilities, the priorities of a dishwasher are different. Whether you need the ability to wash up to 3234 glasses per hour or value the ability to use glasses straight from the dishwasher without polishing, we've got a dishwasher to suit.

Client who are faced with mixed loads with varying degrees of soiling, who do not need to wash crockery continuously, are best served by a freshwater dishwasher. When running fewer than 40 cycles per day, the freshwater dishwasher is more efficient and has cheaper operating costs. With a short 5 minute program cycle and a final rinse temperature of 85°C, the freshwater dishwasher provides stunning cleaning and hygienic results, all without the need of pre-rinsing. Running 40 cycles per day, our freshwater dishwasher is able to get through 1520 plates, 1320 saucers and around 960 cups.

Our tank dishwasher is ideal for larger establishments that require a fast turnaround of glasses and crockery without compromising on the quality of the clean. A wash cycle of just 55 seconds ensures even the busiest of periods can be managed with ease.



Freshwater dishwasher PG 8059:

- Shortest program cycle 5 minutes
- Thermally disinfects crockery and cutlery
- Hygienic, easy-clean touchscreen controls
- Superb results without the need of pre-rinsing
- Cheaper operating costs for fewer than 40 cycles per day



Tank dishwasher PG 8166:

- Shortest program cycle 55 seconds
- 66 baskets per hour
- Freestanding unit with lid, can be built under
- Automatic programme start on closing door
- Programme progress indicator



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We've come to rely on the machines computer log for audits. In addition to showing temperature and holding times within programme cycles, it displays consumption data, operating hours and the service schedule. The AutoOpen cool down is a great feature; not only does it completely dry the contents, but it greatly reduces the risk of steam burns.

Michael Cramp
Nespresso

360° | 15
service years availability
of spare parts

Care 360°

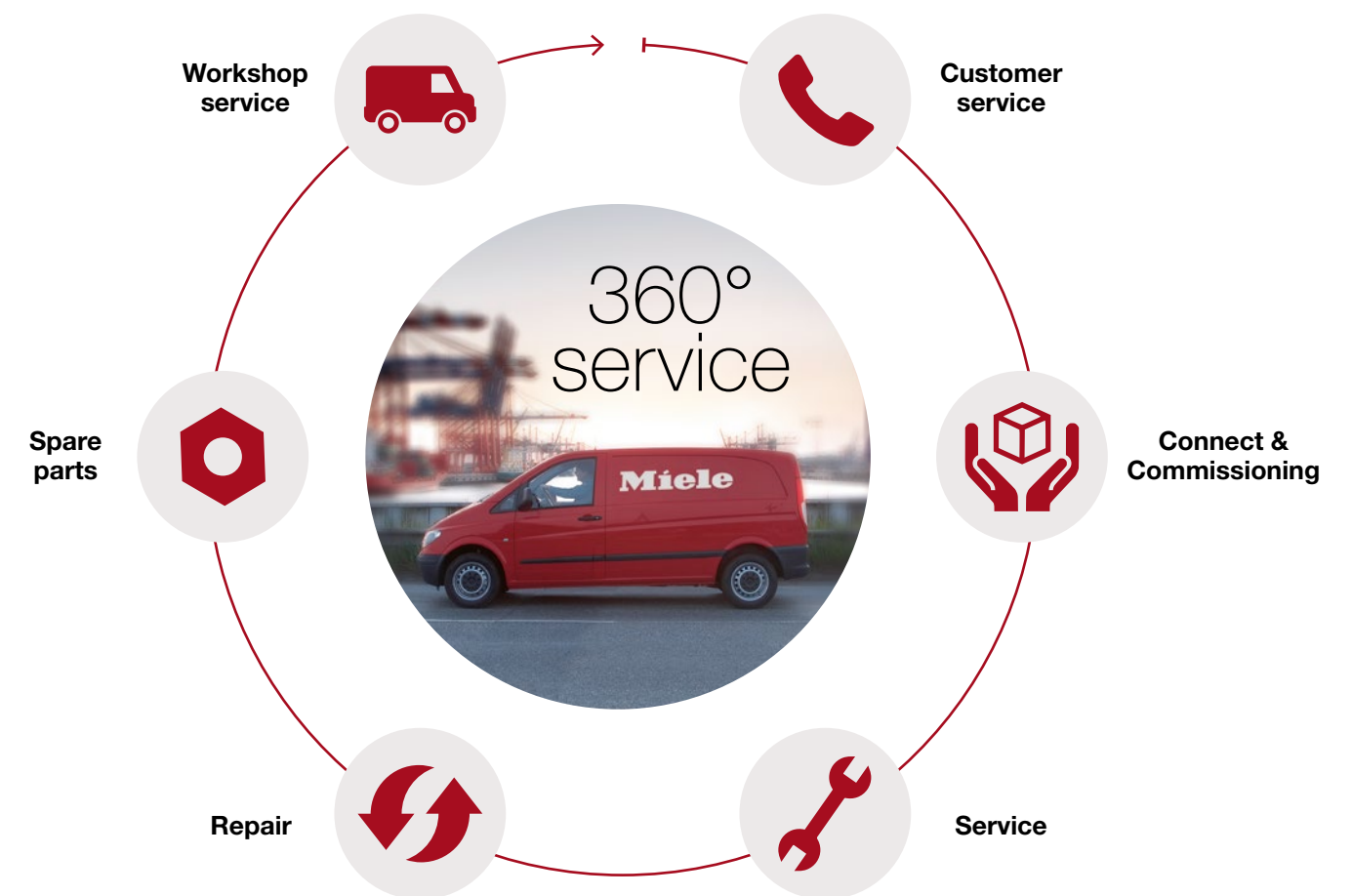
The Miele Professional system for the care sector

True to the 'Forever better' principle, ensuring the highest of quality and production standards has pride of place at Miele. This is clearly evidenced throughout the entire process chain from the delivery of products to maintenance and machine repairs.

A Miele service network of Professional service technicians throughout Australia and New Zealand, means that help is available fast and without fuss. It

even starts with delivery as Miele's team of experts provides support in commissioning machines. Regular maintenance and inspections as well as professional care also ensures maximum safety in operation.

Thanks to the quality of Miele products 'Made in Germany', clients profit from extreme longevity and the availability of spare parts for up to 15 years – even if a machine is no longer listed.



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Until the installation of our Miele equipment, we had a reputation for churning and burning our machines with increasing regularity. We combined our Miele machines with an annual maintenance contract and they have continued to perform as well as they did when they were first installed.

Graham Thatcher
Ella Bache



High quality means low impact

Producing machines that lead the way in energy and water efficiency not only helps to reduce running costs for the owner, it also reduces the impact on our environment. At the heart of all our product design is sustainable, cost-effective performance that achieves optimum results.

We also build our machines to last. This means you will replace them less often, minimising environmental impact and disposal costs as well as enjoying low long-term ownership costs.

When a Miele product does eventually come to the end of its useful life, most of it is easily recyclable - so from start to finish we are ensuring maximum sustainability.

Miele stands by its responsibility for climate protection. Through consistent improvements in efficiency in production and in buildings, we have been able to achieve a significant reduction in energy consumption.

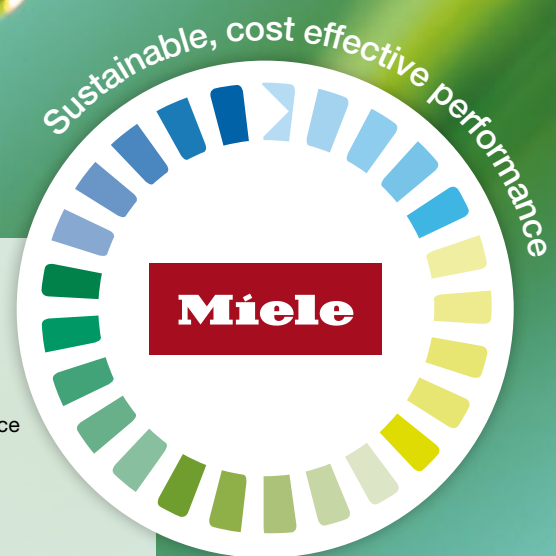
*Dr Eduard Sailer,
Miele board member
responsible for
technology at Miele*

Many characteristics of our machines significantly contribute towards sustainability: low consumption (of energy, water and chemical substances), a high proportion of recyclable materials and secondary raw materials and environmentally friendly procedures.

Investing in Miele not only brings energy savings and superb performance using state-of-the-art technologies, it brings the reassurance of investing in a company that's committed to sustainable and efficient production processes and reducing its environmental impact.

All Miele products are certified to ISO 9001, ISO14001, OHSAS 18001 and SA 8000 standards.

Miele's stated aim is to develop efficient and durable products with the smallest ecological footprint possible, from production to use and disposal.



Product development

- Compliance with legislation and directives (e.g. EcoDesign requirements for ErPs)
- Integrated product policy
- Consideration of stakeholder requirements
- Selection of material with an aim to use secondary raw materials and achieve a high recyclability and, as a consequence, great resource efficiency

Production

- Environment and energy management
- Use of best available techniques
- Avoidance of critical substances

Transport and logistics

- Short transport routes
- Transport bundling
- Efficient utilisation of freight space
- Use of low-emission transport

Usage phase

- Low consumption levels
- Long product life
- Qualified maintenance and repair service

Disposal

- Legal compliance (WEEE, RoHS)
- Commitment to optimising recycling processes/increasing recycling quota



Miele, a family owned company, was awarded the **2014 German Sustainability Prize**



Laundry and dishwashing solutions for the care sector



Quality

Since 1899, Miele - a family run company - has subscribed to a clear corporate philosophy condensed into the two words 'Forever better'. This far-reaching claim is the bedrock of Miele's proverbial quality and sustainability and the power of innovation of a brand 'Made in Germany'. A brand promise which gives commercial users the certainty of having chosen the right product.



Performance

Although reliability is one of the major factors in choosing any Miele, it's comforting to know it's not at the expense of performance. All Miele laundry and dishwashing machines are designed, developed and tested to ensure optimum performance throughout the wash and dry process. Combining innovation and technology with Miele's legendary build quality produces a range of high performing machines that won't let you down.



Efficiency

Economy and energy efficiency are closely linked and naturally important factors for the care sector. However, the savings gained from using less energy to achieve the same high quality results aren't just limited to costs, they also reduce the impact on our natural environment. And it's not just our carbon footprint that's small, our range of dishwashers and laundry machines are designed to be space efficient, so even the smallest of laundry rooms can maximise throughput.

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