

Laundry machines for universal applications





A professional laundry care system for the in-house laundry: efficient wash processes, quick working methods, fast turnaround. The perfect way to wash and process valuable and important textiles and have them quickly ready for use again.

System solutions for universal applications

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Miele laundry machines guarantee professional textile care for specialist circumstances – wherever an individual solution is needed to meet special requirements. Whether it's the thorough and gentle cleaning of duvets and pillows within the accommodation industry, the perfect cleaning and waterproofing of protective clothing for an emergency service centre or a fast turnaround of horse blankets, fabric halters and gaiters for a riding stable, these demanding tasks require top machine technology and cleaning processes and are best carried out in-house. The professional machines in Miele's product range, individually adapted to meet the requirements of each application, offer the perfect technical solution with optimum economy. Miele laundry machines have already set the standard for many different applications, for example for the specialist requirements of the textile cleaning industry, for the processing of protective clothing and for the needs of the hotel

and catering industry. Miele's tried and tested programmes offer tailor-made cleaning and finishing processes for different fabrics as well as disinfection and waterproofing options. For example, the gentle programme on the MIELE SOFT CLEAN SYSTEM offers perfect care for bedding and blankets, special cleaning and waterproofing programmes guarantee optimum reprocessing of protective clothing and breathing masks, and specialist cleaning programmes ensure that horse blankets and other fabric equestrian accessories are hygienically washed and quickly ready for use again. Perfect service for problem-free daily use!

Professional solutions for professional users:

Miele has been leading the field in developing washer-extractors and cleaning processes for over a century. As well as versatile machine systems for in-house laundries, adaptable to every size of business, the product range includes practical accessories, as well as professional dishwashers for all daily dishwashing requirements. A complete service from just one source.

Miele Professional's system solutions offer sophisticated washer-extractors and tumble dryers perfectly matched in output and economy for capacities ranging from 5.5 kg to 40* kg, complemented by rotary ironers for the perfect finish: innovative technology for individual requirements.

MIELE'S PROFITRONIC M machines incorporate patented technology such as the Miele HONEYCOMB DRUM for maximum longevity of your expensive linen, the SHIELD style front design, and state-of-the-art Miele intelligence with freely programmable controls. This innovative technology also ensures even greater economy. These machines are all designed to perform thousands of problem-free programme cycles effortlessly.

Miele laundry machines offer high tech, high quality that is made in Germany. Product development and production are carried out in compliance with the quality standards set by DIN EN ISO 9001.

* Washer-extractors 5.5–32 kg
Tumble Dryers 6.5–40 kg



The outstanding advantages of Miele system solutions

Versatile and economical

Washing, drying, ironing	Comprehensive system solutions for perfect laundry care
Different ranges	Performance capacity to suit all requirements
Modular appliance concept	Standard features and optional extras
Choice of heating methods	Electric, gas, steam
Washer-extractors with weighing system	Efficient energy consumption for every load
Water recycling	Re-using rinse water
XXL dryer	800 litre drum volume for 40 kg load
Dryers with AIR RECYCLING-PLUS system	Uses up to 60% of warm exhaust air with optimum drying results thanks to versatile recirculation/extraction baffle
Ironers with return feed module	Ideal for single person operation and/or positioning against a wall
LACO ironers with the Miele operating system	Very powerful ironers for very large amounts of laundry

Simple, safe, intelligent

PROFITRONIC M controls	Freely programmable, very easy to use
Chip card for programme operation	Controlled programme operation
Cleaning and care programmes	Standard programmes and individual programme packages for bedding, disinfection etc.
Serial interfaces	Documentation of process parameters, access for servicing and maintenance work

Competent and innovative

Pure research	Intensive development work in close cooperation with industry experts and end users
Individual problem solutions	Customer specific cleaning processes
Patented HONEYCOMB DRUM	Unique protection for laundry during washing and drying
Award winning design	Excellent product design, optimum ergonomics and legendary Miele longevity

All from one source

Advice, planning, sales*	Well-informed product advisers – also for planning enquiries
Commissioning, service*	Wide spread service network
Service and maintenance*	Service contracts for smooth day to day running
Laundry care and dishwashing	Professional laundry machines and commercial dishwashers



Miele – Adding value
Better know-how. Better quality. Better service.

Miele

PROFESSIONAL

Better know-how

Professional experience for the professional user. Miele has, for decades, led the way in developing laundry machines, and this experience offers a great advantage for the professional user. Potential customers receive comprehensive advice with a thorough analysis of their requirements to ensure that they receive the most cost effective machines for their needs. Miele's advisers are also available to offer support on organising and installing machines. And when it comes to investment planning, Miele offers tailor-made financing and leasing packages.*

The quality and reliability of Miele's products is highlighted in numerous tests. Which is certainly one reason why Miele has been voted one of the best and most trustworthy brands – as proved by many awards.



Better quality

Miele offers high tech, certified in accordance with DIN EN ISO 9001. Robust construction, top quality materials, intricate production and electronics that are manufactured in-house ensure an above average product lifetime of problem-free performance.

More than anything, it is the sophisticated technical innovations that distinguish Miele's washing and finishing machines: high washing and drying performance, fully automatic programme controls with short running times, optimum use of cleaning agents, individually adaptable cleaning programmes – these are the advantages that ensure many thousands of economical cleaning cycles.

Better service

Award winning products, award winning service. The nationwide network of Miele service centres and authorised dealers ensures fast response and problem solving for every eventuality.* Spare parts are available for years after a model is discontinued. This is why Miele's customer service has many times been voted one of the best by the ServiceBarometer AG. And Miele's worry-free service packages with special servicing and maintenance contracts offer all round security for every business.*

* The service options will vary depending on country.

Compact washer-extractors: 5.5–6.5 kg load capacity

5.5 kg, 6.5 kg



PW 6055 PLUS

(illustrated in stainless steel)

- 5.5 kg capacity
- HONEYCOMB DRUM, 54 l volume
- 1400 rpm spin speed
- G-factor 526, residual moisture level 50%
- Programmable **PROFITRONIC L PLUS** with short-cut buttons

PW 6065 PLUS

- 6.5 kg capacity
- HONEYCOMB DRUM, 59 l volume
- 1400 rpm spin speed
- G-factor 526, residual moisture level 50%
- Programmable **PROFITRONIC L PLUS** with short-cut buttons

6.5 kg



NEW

PW 5064 (illustrated)

- 6.5 kg capacity
- Special model for contract cleaners
- HONEYCOMB DRUM, 59 l volume
- 1400 rpm spin speed
- G-factor 526, residual moisture level 22%*
- Programmable NOVOTRONIC L controls

* for mop heads

Compact washer-extractors: 7.5 kg load capacity

7.5 kg



W 6073

- 7.5 kg capacity
- HONEYCOMB DRUM, 73 l volume
- 1200 rpm spin speed
- G-factor 450, residual moisture level 51%
- MULTITRONIC controls

WS 5073 Mop machine

- as above, but with special drum

7.5 kg



W 6071

- 7.5 kg capacity
- HONEYCOMB DRUM, 73 l volume
- 1200 rpm spin speed
- G-factor 450, residual moisture level 51%
- Freely programmable PROFITRONIC controls

WS 5071 Mop machine

- as above, but with special drum

MULTITRONIC washer-extractors: 8–14 kg load capacity

8, 10, 14 kg



WS 5080

- MULTITRONIC controls with 23 programmes
- 8 kg capacity
- SPECIAL DRUM, 80 l drum volume
- 1100 rpm spin speed
- G-factor 400, residual moisture level 48%

WS 5100

- MULTITRONIC controls with 23 programmes
- 10 kg capacity
- SPECIAL DRUM, 100 l drum volume
- 1000 rpm spin speed
- G-factor 330, residual moisture level 55%

WS 5140

- MULTITRONIC controls with 23 programmes
- 14 kg capacity
- SPECIAL DRUM, 140 l drum volume
- 750 rpm spin speed
- G-factor 186, residual moisture level 64%

PROFITRONIC M washer-extractors: 10–20 kg load capacity

The 10–32 kg capacity PROFITRONIC M machines fulfil every requirement when it comes to the economical processing of large amounts of laundry.

10, 13 kg



PW 6101

- 10 kg capacity
- HONEYCOMB DRUM, 100 l volume
- 1200 rpm spin speed
- G-factor 475, residual moisture level 47%
- Freely programmable PROFITRONIC M controls
- Electric, gas or steam heating

PW 6131

- 13 kg capacity
- HONEYCOMB DRUM, 130 l volume
- 1100 rpm spin speed
- G-factor 400, residual moisture level 47%
- Freely programmable PROFITRONIC M controls
- Electric, gas or steam heating

16, 20 kg



PW 6161

- 16 kg capacity
- HONEYCOMB DRUM, 160 l volume
- 1150 rpm spin speed
- G-factor 500, residual moisture level 47%
- Freely programmable PROFITRONIC M controls
- Electric, gas or steam heating

PW 6201

- 20 kg capacity
- HONEYCOMB DRUM, 200 l volume
- 1100 rpm spin speed
- G-factor 460, residual moisture level 47%
- Freely programmable PROFITRONIC M controls
- Electric, gas or steam heating

PROFITRONIC M washer-extractors: 24–32 kg load capacity

24, 32 kg



PW 6241

- 24 kg capacity
- HONEYCOMB DRUM, 240 l volume
- 1100 rpm spin speed
- G-factor 542, residual moisture level 46%
- Freely programmable PROFITRONIC M controls
- Electric, gas or steam heating

PW 6321

- 32 kg capacity
- HONEYCOMB DRUM, 320 l volume
- 1000 rpm spin speed
- G-factor 448, residual moisture level 53%
- Freely programmable PROFITRONIC M controls
- Electric, gas or steam heating

Barrier machines: 16–32 kg load capacity

16 kg



NEW

PW 6163 (illustrated with stainless steel front)

- 16 kg capacity
- HONEYCOMB DRUM, 160 l volume
- 975 rpm spin speed
- G-factor 360, residual moisture level 49%
- Freely programmable PROFITRONIC M controls
- Electric or steam heating

24, 32 kg



WS 5243

- 24 kg capacity
- SPECIAL DRUM, 240 l volume
- 950 rpm spin speed
- G-factor 403, residual moisture level 49%
- Freely programmable PROFITRONIC controls
- Electric or steam heating

WS 5323

- 32 kg capacity
- SPECIAL DRUM, 320 l volume
- 800 rpm spin speed
- G-factor 286, residual moisture level 50%
- Freely programmable PROFITRONIC controls
- Electric or steam heating

Compact tumble dryers: 6.5–7.5 kg load capacity

Tumble dryers to complement washer-extractors of all sizes:
highly economical thanks to short running times and gentle handling
with both the smooth walled drum and the HONEYCOMB DRUM.

6.5 kg



PT 7135 C PLUS

(illustrated in stainless steel)

- Condenser drying system, condensate drained away via drain hose at rear of machine
- Load capacity: 6.5 kg
- HONEYCOMB DRUM, 130 l volume
- Electric heating
- Drum lighting
- Short cut buttons
- PROFITRONIC L Plus controls

6.5 kg



PT 7136 PLUS

(illustrated in stainless steel)

- Vented drying system
- Load capacity: 6.5 kg
- HONEYCOMB DRUM, 130 l volume
- Large capacity filter
- Electric heating
- Drum lighting
- Short cut buttons
- PROFITRONIC L Plus controls

7.5 kg



T 6185

(illustrated with stainless steel front)

- Vented drying system
- Load capacity: 7.5 kg
- HONEYCOMB DRUM, 185 l volume
- Electric or gas heating
- Drum lighting
- 9 sensor drying programmes
- 2 timed drying programmes
- Programmable TROCTRONIC controls

TIMETRONIC tumble dryers: 8–14 kg load capacity

The new Miele tumble dryers with TIMETRONIC controls offer precisely timed drying results with easy operation.

8, 10, 14 kg



PT 5201 (illustrated with stainless steel front)

- Vented dryer with AIR RECYCLING recirculation drying system
- 8 kg capacity
- Smooth walled drum, 200 l drum volume
- TIMETRONIC controls with various temperature levels for different running times
- Electric or gas heating

PT 5251

- Vented dryer with AIR RECYCLING recirculation drying system
- 10 kg capacity
- Smooth walled drum, 250 l drum volume
- TIMETRONIC controls with various temperature levels for different running times
- Electric or gas heating

PT 5351

- Vented dryer with AIR RECYCLING recirculation drying system
- 14 kg capacity
- Smooth walled drum, 350 l drum volume
- TIMETRONIC controls with various temperature levels for different running times
- Electric or gas heating

8, 10, 14 kg



Shown with optional COP controls

PT 5201 COP (illustrated with stainless steel front)

- As PT 5201, but with TIMETRONIC COP controls without rotary time selector, for operation via external payment system/coin mechanism, e.g. in laundrettes

PT 5251 COP

- As PT 5251, but with TIMETRONIC COP controls without rotary time selector, for operation via external payment system/coin mechanism, e.g. in laundrettes

PT 5351 COP

- As PT 5351, but with TIMETRONIC COP controls without rotary time selector, for operation via external payment system/coin mechanism, e.g. in laundrettes

TROCTRONIC tumble dryers: 8–30 kg load capacity

8, 10, 14 kg



T 6201 (illustrated with stainless steel front)

- Vented dryer with AIR RECYCLING drying system
- 8 kg capacity
- Smooth walled drum, 200 l volume
- Electric or gas heating
- Programmable TROCTRONIC controls
- 9 sensor drying programmes
- 2 timed programmes

T 6251

- Vented dryer with AIR RECYCLING drying system
- 10 kg capacity
- Smooth walled drum, 250 l volume
- Electric or gas heating
- Programmable TROCTRONIC controls
- 9 sensor drying programmes
- 2 timed programmes

T 6351

- Vented dryer with AIR RECYCLING drying system
- 14 kg capacity
- Smooth walled drum, 350 l volume
- Electric, gas or steam heating
- Programmable TROCTRONIC controls
- 9 sensor drying programmes
- 2 timed programmes

22, 30 kg



T 6551 (illustrated with stainless steel front)

- Vented dryer with AIR RECYCLING drying system
- 22 kg capacity
- Smooth walled drum, 550 l volume
- Electric, gas or steam heating
- Programmable TROCTRONIC controls
- 9 sensor drying programmes
- 2 timed programmes

T 6751

- Vented dryer with AIR RECYCLING drying system
- 30 kg capacity
- Smooth walled drum, 750 l volume
- Electric, gas or steam heating
- Programmable TROCTRONIC controls
- 9 sensor drying programmes
- 2 timed programmes

PROFITRONIC M tumble dryers: 10–40 kg load capacity

10, 13, 16 kg



PT 7251 (illustrated with stainless steel front)

- Vented dryer with AIR RECYCLING PLUS drying system
- 10 kg capacity
- HONEYCOMB DRUM, 250 l volume
- Freely programmable PROFITRONIC M controls
- Electric or gas heating

PT 7331

- Vented dryer with AIR RECYCLING PLUS drying system
- 13 kg capacity
- HONEYCOMB DRUM, 325 l volume
- Freely programmable PROFITRONIC M controls
- Electric or gas heating*

PT 7401

- Vented dryer with AIR RECYCLING PLUS drying system
- 16 kg capacity
- HONEYCOMB DRUM, 400 l volume
- Freely programmable PROFITRONIC M controls
- Electric, gas or steam heating

* Steam heating on request

For technical data see page 55

20, 32–40 kg



PT 7501 (illustrated with stainless steel front)

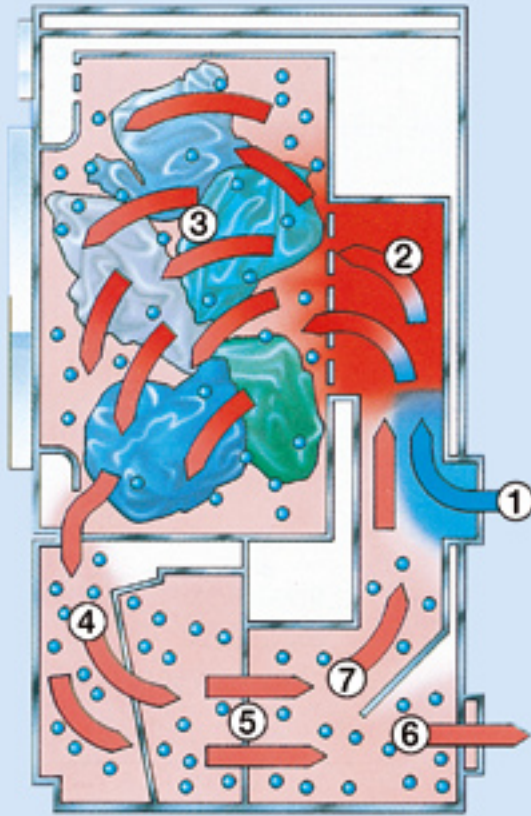
- Vented dryer with AIR RECYCLING PLUS drying system
- 20 kg capacity
- HONEYCOMB DRUM, 500 l volume
- Freely programmable PROFITRONIC M controls
- Electric, gas or steam heating

PT 7801

- Vented dryer with AIR RECYCLING PLUS drying system
- 32 kg capacity (1:25 kg)/40 kg capacity (1:20 kg)
- HONEYCOMB DRUM, 800 l volume
- Freely programmable PROFITRONIC M controls
- Electric, gas or steam heating

For technical data see page 55

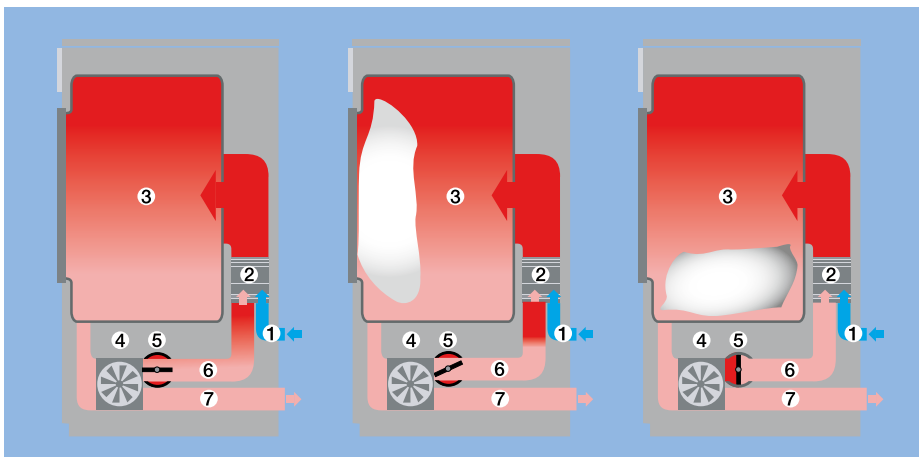
The AIR RECYCLING system from Miele



The AIR RECYCLING system in detail

Miele Professional's innovative AIR RECYCLING system makes use of process air that has already been warmed by the drying procedure, so it is extremely economical.

Fresh air is drawn in via air inlet (1) and heated by heating element (2). The warmed air flows into the drum through the perforated drum wall (3). The air is then driven by the fan through the perforated panel at the front of the dryer into the fluff filter (4). Then the air is driven by the fan into the divided fan shaft (5). Here approx. 40% of the exhaust air (6) is expelled from the machine, while approx. 60% of the air (7) is returned to the heating element to be "recycled". This process considerably reduces energy consumption, speeds up the drying process and protects the environment.



The AIR RECYCLING PLUS system in detail

If air is prevented from leaving the drum by large fabric items that hinder the air flow, the atmospheric pressure in the machine will sink. This is recognised by a sensor, and the baffle (5) that controls the flow of circulating air (6) through the fan (4) closes. 100% of the process air is expelled from the machine as exhaust air (7). It is replaced by fresh room air (1).

This reduces the amount of process air enabling the laundry to drop and normalise the air pressure inside the dryer. The baffle will then open again, the laundry will be gently dried and approx. 40% of the process air will be expelled as exhaust air (7) and approx. 60% will be returned to the heating element to be recycled (7).

Saving energy comes as standard on dryers:

PT 5201 – PT 5351*

T 6201 – T 6751*

PT 7251 – PT 7801**

* AIR RECYCLING-system

** AIR RECYCLING PLUS-system

Miele's XXL tumble dryer: PT 7801

Load capacity 32–40 kg



The new Miele tumble dryer PT 7801 is the ideal partner to Miele's powerful washer-extractors. The large drum volume of 800 litres offers great flexibility for daily running with low energy costs and optimum drying results thanks to the AIR RECYCLING PLUS system.

Highly versatile: 32–40 kg capacity

With a load ratio of 1:20 it is easy to achieve a throughput of 40 kg of laundry per load. Sensitive fabrics are protectively dried with reduced mechanical action in the patented Miele HONEYCOMB DRUM using a load ratio of 1:25. With its excellent performance and consumption figures such as considerably shorter drying times and reduced energy consumption, the new Miele dryer PT 7801 makes an efficient contribution to economical laundry care. Special programme packages designed for particular user groups and the unique AIR RECYCLING PLUS* technology are further advantages that make Miele the innovative market leader for professional laundry care.

Air and temperature control (AIR RECYCLING PLUS)*

Large volume items such as duvets can be dried in the optimum way in Miele tumble dryers thanks to the innovative AIR RECYCLING PLUS system that controls air/temperature and either expels exhaust air or recycles it. This baffle, which governs the flow of the recycled and exhaust air, expands the range of items which are suitable for tumble drying.

Fabrics through which air cannot flow can block the holes on the inside of the drum, causing the atmospheric pressure inside the dryer to sink. This will be recognised by a pressure sensor which will close the baffle. This enables fresh air to be drawn in, reducing the amount of process air in the machine, and the laundry can fall. This releases the holes and stabilises the air pressure in the drum. Thanks to this system, it is possible to dry both large volume and very light items in the optimum way. The new air and temperature control also makes for shorter drying times which in turn reduces energy consumption.

* patented in Germany, France, UK, Holland and Sweden (EP 1 682 715 B1).

The advantages of Miele's professional technology



LITTLE GIANTS

Washer-extractors and tumble dryers for universal applications

The LITTLE GIANTS are Miele's entry level machines for washing and drying in a commercial setting. In construction and features they are designed for universal application in residential and care homes. Whether used as the main appliance or as a complement to Miele's larger washer-extractors and tumble dryers, the LITTLE GIANTS are the ideal solution for processing smaller amounts of laundry, specialist items or for self-service use by residents.

- Professional quality with reinforced shock absorbers, robust drum bearings and electronic imbalance monitoring
- Large capacity of up to 6.5 kg in a compact, space saving machine
- Very short programme running times for high throughput and efficient use of the machine
- Washer and dryer can be stacked to use only ½ m² of floor space
- Intelligent and easy to use controls
- **Profitronic L Plus** with clear text display
- Choice of 21 operating languages
- Disinfection programmes
- Patented Miele HONEYCOMB DRUM for optimum fabric protection
- Hot water connection as standard for efficient energy consumption and economy
- Professional outlet for connection to a dump valve or drain pump
- Optional connections for up to 4 liquid detergent dispensers
- Optional connection for coin box

Innovative machine features for efficient daily operation

Patented HONEYCOMB DRUM

All Miele's new front loading washer-extractors and tumble dryers have the unique HONEYCOMB DRUM for optimum protection of the laundry. Thanks to the honeycomb structure, the laundry floats on a thin film of water, considerably reducing the stress to the fibres of the fabric. The specially designed ribs help to drench the laundry quickly and make for particularly short washing times. In the tumble dryers, the honeycomb structure creates a cushion of air on which the laundry floats, offering maximum protection for the garments and very even drying results.

The professionals for great performance

Wherever high performance, efficient working methods and extreme durability are required, Miele's large washer-extractors and tumble dryers are the professional solution.

Legendary quality, award winning design

The 65 mm thick Miele SHIELD FRONT in front of the suspended suds container offers reliable protection and stability. The chromium nickel steel used is impervious to chemicals. The door opening has a generous diameter of 370 mm and opens a full 180 ° which makes loading and unloading easy, as does the raised, optimally positioned drum centre. It is details such as these that have been recognised by prestigious design awards.

Washer-extractors, built for efficient laundry care

- High spin speeds with g-factor up to 542
- Large, hydraulically controlled drain valve for short running times and greater safety
- Simple electrical installation via the connection box integrated on the rear wall of the machine – no need to remove the machine lid
- Optional connections on the rear wall of the machine for detergent dispensers (10 x liquid, 2 x viscous), available for all standard dispensing pumps
- Optional automatic weighing system for optimum use of water and detergent
- Connection to the Miele water recycling system offers further reductions in water consumption

Intelligent operating system

- Freely programmable PROFITRONIC M controls
- 16 standard programmes and 183 free places* for individual programmes
- Optional ready made programme packages, e.g. for processing duvets, linen, outer garments
- Simple programme selection via rotary control switch
- User navigation with graphics and clear text display
- Choice of up to 11 standard languages plus optional additional languages
- Option of chip card operation
- Temperatures, temperature holding times, wash times, drum rhythm and spin times and speeds are freely selectable, detergent ratios can be freely programmed

Miele tumble dryers

The tumble dryers are the perfect partners for Miele's washer-extractors. The technology, features and programme controls on the dryers are designed for efficient laundry care in residential and care homes. Highlights are the freely programmable controls, the very large fluff filter and the versatile use made of process air by the Miele AIR RECYCLING PLUS system. With this innovative air and temperature control system, even items that hinder air flow, such as duvets, can be dried in the optimum way.

The XXL machines

The Miele PT 7801 tumble dryer has a drum volume of 800 litres to take a load of up to 40 kg.

Features vary depending on model.



* On washer-extractors



The perfect finish with small, compact rotary ironers

Rotary ironers create the perfect finishing touch to the in-house laundry: there are easy to use, powerful machines to suit different amounts of laundry. They need very little space, can even be sited against a wall, and operated by a single person.



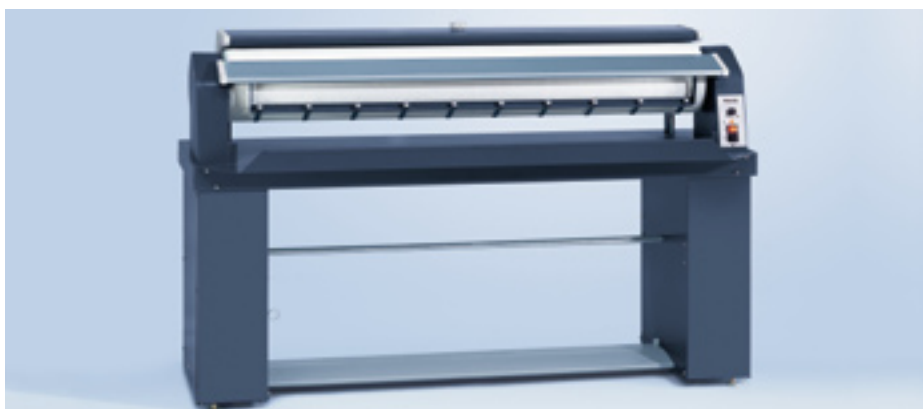
HM 16-83 (illustrated)

- Roller diameter 160 mm
- Roller length 830 mm
- Electric heating
- Output up to 15 kg/h at 20% initial residual moisture
- Feed-in and return of laundry to the front
- Can be installed against a wall



HM 21-100 (illustrated)

- Roller diameter 210 mm
- Roller length 1005 mm
- Electric heating
- Output up to 23 kg/h at 15% initial residual moisture
- Output up to 14 kg/h at 25% initial residual moisture
- Feed-in and return of laundry to the front
- Can be installed against a wall



HM 21-140 (illustrated)

- Roller diameter 210 mm
- Roller length 1395 mm
- Electric heating
- Output up to 27 kg/h at 25% initial residual moisture
- Feed-in and return of laundry to the front
- Can be installed against a wall

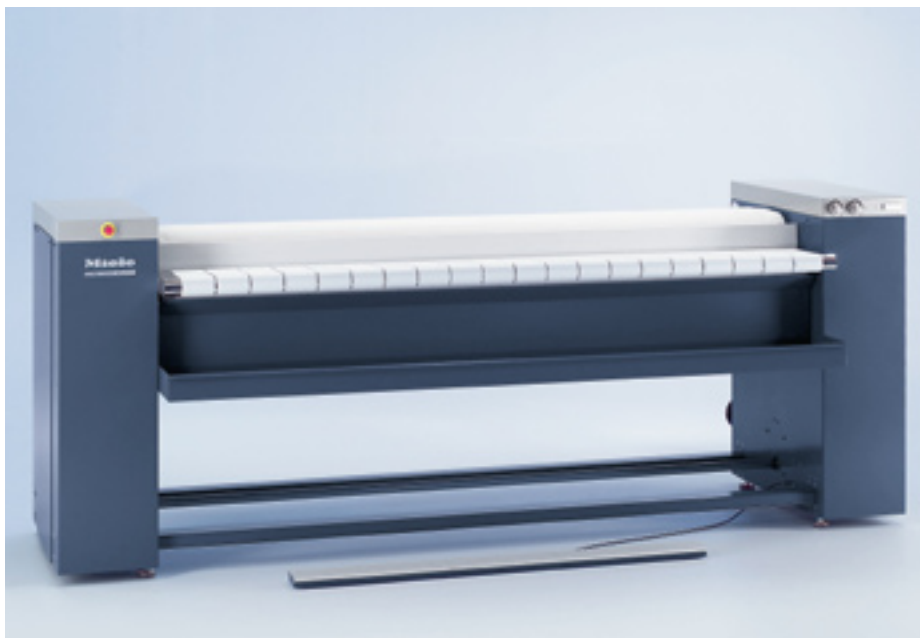


HM 5316 (illustrated)

- Roller diameter 250 mm
- Roller length 1650 mm
- Electric heating
- Output up to 47 kg/h at 25% initial residual moisture
- Feed-in and return of laundry to the front
- Can be installed against a wall

For technical data see page 56

The perfect finish with large, high throughput rotary ironers



PM 1318 (illustrated)

- Roller diameter 300 mm
- Roller length 1750 mm
- Electric or gas heating
- Output up to 75 kg/h (EL) at 25% initial residual moisture
- Output up to 45 kg/h (EL) at 50% initial residual moisture

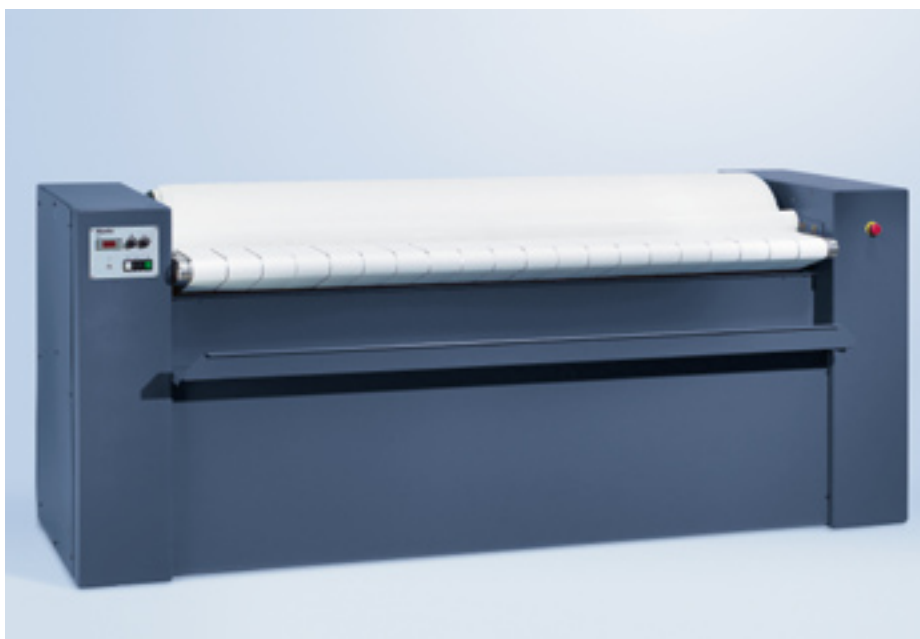
PM 1418

- Roller diameter 365 mm
- Roller length 1750 mm
- Electric or gas heating
- Output up to 90 kg/h (EL) at 25% initial residual moisture
- Output up to 54 kg/h (EL) at 50% initial residual moisture

PM 1421

- Roller diameter 365 mm
- Roller length 2040 mm
- Electric or gas heating
- Output up to 96 kg/h (EL) at 25% initial residual moisture
- Output up to 57 kg/h (EL) at 50% initial residual moisture

EL = electric heating



MM 50-175 (illustrated)

- Roller diameter 500 mm
- Roller length 1750 mm
- Electric heating
- Output up to 80 kg/h at 46% initial residual moisture
- Output up to 70 kg/h at 53% initial residual moisture

MM 50-205

- Roller diameter 500 mm
- Roller length 2040 mm
- Electric heating
- Output up to 99 kg/h at 46% initial residual moisture
- Output up to 86 kg/h at 53% initial residual moisture

Professional technology

The advantages of Miele's

Powerful rotary ironers

Ironer output (kg/h) (electric heating)

	Roller diameter [mm]	Roller length [mm]	Output with residual moisture [kg/h]					
			15%	20%	25%	46%	50%	63%
HM 16-83	160	830		15				
HM 21-100	210	1005	23		14			
HM 21-140	210	1395			27			
HM 5316	250	1650			47			
NEW								
PM 1318	300	1750			75		45	
PM 1418	365	1750			90		54	
PM 1421	365	2040			96		57	
MM 50-175	500	1750				80		70
MM 50-205	500	2040				99		86

Technology

Miele offers rotary ironers with roller diameters ranging from 160 to 500 mm.

Aluminium heater plates instead of steel, guarantee an excellent distribution of heat and considerably reduced heating up times. The foot control ensures that the roller can be easily stopped, e.g. for steaming.

A pneumatic lifting device (on MM 50-175/205) creates a high pressure ironing action for an excellent finish.

The smaller ironers (page 20) can be operated by one person and can be sited against a wall. An optional return-feed mechanism on the larger models enables them to also be operated by a single person for smaller items of laundry.

Economy

The high throughput of a Miele rotary ironer does not necessarily mean high energy consumption. The ironer only produces heat when it needs it. For example, on the MM 50 models a 4-stage temperature control ensures a precise distribution of heat within the roller to the exact spot where it is needed.

On the large models with roller diameters of up to 500 mm, a durable roller cover with leaf-type padding and ARAMID Molton cloth is particularly economical. This can be chosen as an option instead of a cover made of elastic steel wool and ARAMID needle felt.

Output

Thanks to the residual moisture level of approximately 50% achieved by Miele's new washer-extractors, laundry does not need to be dried any further before it is fed into a rotary ironer with a high heat output (e.g. MM 50-175).

Depending on the initial residual moisture and the type of ironer, an output of up to 99 kg/h can be achieved (see table above).

Miele's rotary ironers create an absolutely perfect finish for your linen without the use of starch.

Output figures according to DIN 11 902

The output levels achieved in practice are on average 20-40% lower than the maximum output level. The actual output depends on the skill and experience of the operator, the type of laundry being handled, how it is pre-sorted, the condition of the rotary ironer and the standard of finish required.

Rotary ironers with an aluminium heater plate for the perfect laundry finish

The perfect technology for excellent results

Perfect results demand perfect ironer technology.

Miele's rotary ironer system with the aluminium heater plate offers the optimum solution. The aluminium of which the heater plate is made conducts heat four times better than steel, meaning that it is ready to operate far faster.

Unlike with other ironing systems such as the cylinder ironer, the high pressure of the heater plate on the laundry ensures an extremely efficient transfer of heat and economical use of energy. The contact time achieved by the heater plate which encloses the laundry over 167° makes for optimum results thanks to the excellent transfer of heat, and is ideal for a high throughput.

The finishing results are perceptibly higher because the high, even pressure exerted by this ironing process helps to hold the items in shape and gives the laundry a silky shine. Creases just don't stand a chance thanks to the extra smooth surface of the heater plate.

An optimum temperature is generated inside the heater plate on the electric and gas heated Miele rotary ironers. The temperature is higher at the feed-in point on the ironer to steam off the majority of residual moisture in the laundry. The heat is lower at the point where the items leave the ironer to ensure an even temperature for crease-free results.

Miele's rotary ironers are extremely economical in comparison to other ironing systems. Thanks to their fast throughput, operating costs are reduced and output is higher. A further advantage is that even with a low residual moisture level – following tumble drying – optimum finishing results can be achieved.

With cylinder ironers, where laundry is ironed without previous tumble drying, the moisture level of the items is very high as they enter the ironer. The temperature and roller speed must be adapted to this to achieve optimum finishing results. The higher the initial moisture level, the longer the costly ironing and preparation procedure takes. Tumble drying the laundry in advance is therefore always an advantage.

Ironing with previous tumble drying:

→ Low operating costs

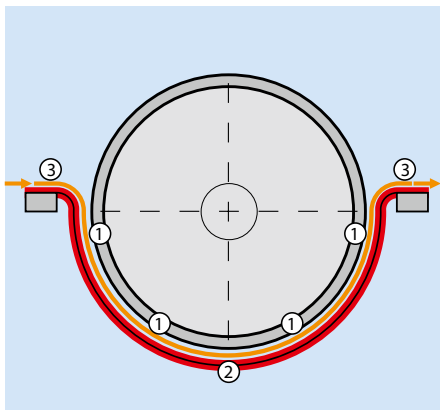


Ironing without previous tumble drying:

→ High operating costs

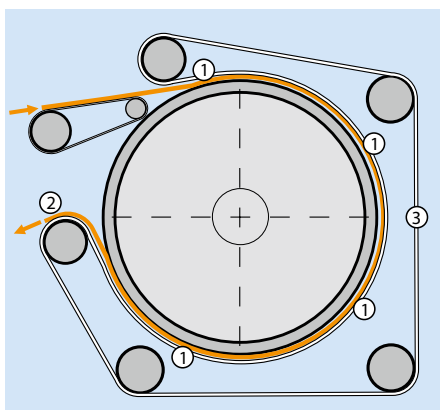


* Preparation time



Rotary ironers with aluminium heater plate

- 1 High pressure for perfect smoothing and an excellent shine
- 2 Quickly ready for operation thanks to the good transfer of heat via the aluminium heater plate
- 3 Choice of through feed or return feed (with return feed module)



Cylinder ironers

- 1 Low pressure
- 2 Only return feed is possible
- 3 Bands must be regularly serviced

The new features of the Miele rotary ironers PM 1318, PM 1418, PM 1421



Miele rotary ironers are the ideal solution for professional and economical laundry care. They give a perfect, professional finish to your laundry – quickly, efficiently and economically.

New: Optional spring padding

Advantage: Consistent pressure; even dispersal of the steam vapours for a perfect laundry finish; economical as the padding does not need to be changed.

New: The HPC heater plate

Advantage: The new HIGH PERFORMANCE AND CAPACITY (HPC) heater plate has a large contact angle of 167°, giving a 13% longer contact path than on previous models, resulting in an improved ironing performance. The hard, anodised, very smooth surface of the heater plate guarantees optimum laundry care with fewer deposits.

New: The EASYFOLD TABLE

Advantage: The perfectly designed surface of the EasyFold table with its sculptured, perforated honeycomb surface is gentle on fabrics. The perforations at the points where hexagons meet induce rising thermal currents, cooling laundry on the feed-out table. The gentle flow of air through the feed-out table also stabilises the finish on laundry.

New: Strong polyester feed belts

Advantage: Feeding the laundry through the ironer is easier and more controlled, resulting in improved ironing performance and quality (no creased edges).

New: Flexible pick-off bands

Advantage: No ironing marks on the textiles – even on heavy table linen.

New: The design

Advantage: Premium design to match the Miele washer-extractors and tumble dryers; clear control panel with large, easygrip rotary dials and pushbuttons.

New: Freely positioned FLEX CONTROL foot control

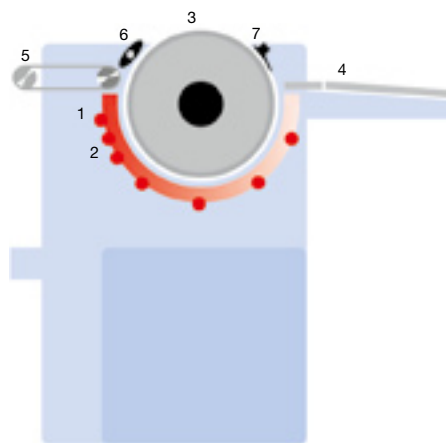
Advantage: The external Flex Control foot control is a mobile unit which can be located in a position convenient to the operator.

Proven Miele technology for a professional finish

New: Larger heating element on the feed in side on electrically heated ironers; double burner technology on gas heated ironers.

Advantage: Ideal heat distribution; lower energy costs; increased performance

- 1 HPC heater plate
- 2 Ideal heat distribution
- 3 Spring padding
- 4 EasyFold table
- 5 Polyester feed-in belts
- 6 Finger guard
- 7 Flexible pick-off bands



For a long time now, Miele's HM and MM rotary ironers have been offering state-of-the-art technology to meet every need: Wide range of roller diameters between 210 and 500 mm, to suit individual requirements.

Aluminium heater plates with outstanding heat distribution and up to four times faster heat-up time than steel heater plates.

Adjustable pressure via the pneumatic lifting device on the heater plate for an excellent finish.

Easy to use by single operator, with an optional return feed on larger models: Space-saving installation possible against a wall.

Foot control for conveniently stopping the roller, making ironing even easier.

Continuous speed and temperature control for an easy operation, even when ironing different types of fabric.

High heat-up performance with a minimum of energy consumption: The Miele ironers only produce heat when they need it. For example, the 4-stage temperature control on the large MM ironers provides accurate heat distribution on the heater plate – exactly where it is needed.

Up to 99 kg of laundry can be processed in the rotary ironer in an hour, depending on the residual moisture level and on the model.

Miele rotary ironers create an absolutely outstanding finish to your linen without the use of starch.





The Miele laundry system for Lauderettes

Miele's smallest professional laundry machines start with a load capacity of 5.5 kg, and include a washer-extractor, a tumble dryer and a rotary ironer, offering the complete laundry service for all your laundry. The high-performance Miele Little Giants can be fitted with a C 4060 coin box, making them perfect for installation in student halls of residence as well as in internet cafes and bistros. They are also ideal in establishments where a wide assortment of laundry is processed in succession, and where personal items are washed as well as commercial table linen, bedding, bathroom and kitchen items – the optimum system for small hotels, guest houses, restaurants and holiday establishments.

The patented Miele HONEYCOMB DRUM in the Little Giants ensures top quality care for your laundry on all washing programmes. Every machine benefits from intelligent controls with 12 fixed programmes as well as special programmes for Kitchen linen, Table linen, Curtains, Pillows, Outerwear, Proofing and Disinfection. With a delay start function and short operating times (only 60 minutes for a 60°C Cottons programme), Miele's Little Giants are extremely user friendly, and their compact design allows for installation in a very small area, for instance by stacking the dryer above the washer-extractor, and installing the rotary ironer against a wall.

Output example

A 10-bed guesthouse where the linen is changed three times a week generates approx. 100 kg of laundry per week. This represents 18 wash cycles of 5.5 kg per week (or 3 cycles a day). Miele's entry-level PW 6055 PLUS with a load capacity of 5.5 kg, or PW 6065 PLUS with a load capacity of 6.5 kg, together with a PT 7136 PLUS dryer, are the ideal solution for this quantity of laundry.

The amount of laundry that would need ironing in this example (about 60%) would come to approx. 60 kg per week – a load that the Miele HM 21-100 rotary ironer can process in less than 4 1/2 hours at a rate of 14 kg per hour.

Page 26:
PW 6065 PLUS Washer-extractor
PT 7136 PLUS Dryer
HM 21-100 Ironer

Washing and drying on 0.5 m²





The Miele laundry system for Hotels and restaurants

The classic machines for in-house laundries: the Miele Universal solution offers a wide range of machines with capacities of 10, 13, 16, 20 and 32/40 kg. Several machines can be placed side by side to give economical laundry care for almost any quantity. The different capacities also make the machines ideal for dealing with only part of a hotel's laundry requirements, e.g. the bathroom linen can be taken care of in-house while bed linen is sent out. The larger machines combine perfectly with the Little Giants or the 7.5 kg compact machines to offer the optimum solution for every individual requirement.

Traditional hotels of all sizes, businesses and holiday establishments with restaurants and health spas all make the same professional demands on their laundries: simple handling for optimum output, short distances between work stations and a high level of versatility to cope with constantly changing types of laundry.

All the laundry generated in hotels and restaurants needs to be processed quickly, thoroughly and economically, from duvets to personal garments, to give guests a perfect service. Miele's innovative technology offers distinct advantages for this: the PROFITRONIC M washer-extractors and tumble dryers guarantee optimum functionality and versatility. They are also extremely economical, with energy consumption levels better than ever thanks to features such as the patented HONEYCOMB DRUM and patented the AIR RECYCLING PLUS drying system in the tumble dryers which ensures optimum use of the drying air. The simple operation of the Miele rotary ironers means that large amounts of laundry can be ironed economically and perfectly.

Output example:

A hotel with 55 beds where the linen is changed three times a week produces approximately 550 kg of laundry, which means carrying out 35 cycles of 15.7 kg every week (or five cycles a day). Miele has the universal solution with the 16 kg capacity PW 6161 washer-extractor and PT 7401 tumble dryer.

The amount of laundry to be ironed will be approximately 330 kg per week. The PM 1421 rotary ironer can process this amount in roughly 4 hours*. Larger amounts of ironing can be handled by one of the larger models such as the MM 50-205, which will reduce the throughput time considerably (See page 21).

* (Electrically heated ironer, laundry with 25% residual moisture)

Page 28:
PW 6161 Washer-extractor
PT 7401 Dryer with stainless steel front
PM 1421 Rotary ironer with return-feed module



The Miele laundry system for Professional cleaners

Wet cleaning is kindling more and more interest in the astute customer for whom specialist, environmentally friendly care of quality personal clothing is crucial. Professional cleaners who use wet cleaning systems stand out as competent partners in the cleaning industry.

Quality garments are ideal candidates for wet cleaning, including sports jackets, suits, wedding dresses, ball gowns, silk blouses, uniforms, wool trousers and pullovers. But this list is by no means complete, as about 80% of all fabrics and 90% of soiling can be cleaned using a wet cleaning system. In fact many types of soiling are only water soluble and cannot be cleaned using solvents. The Miele professional systems together with the correct cleaning agents and the right wash programme offer the cleaning industry a method of cleaning quality garments gently and safely.

The PROFITRONIC M controls on Miele laundry machines monitor the entire cleaning process down to the last detail, including the water level, temperature, detergent dosage and the precise drum rhythm of the Miele HONEYCOMB DRUM, ensuring the utmost care of your delicate garments.

The Miele HONEYCOMB DRUM is new for commercial machines of this size, and a first for 7.5 to 32 kg washer-extractors with the wet cleaning system and for 10 to 40 kg dryers. The special construction of the drum ensures maximum care for your laundry.

The new PW 6201 washer-extractor is one of the ideal machines for wet cleaning. It can take a maximum load of 13* kg for wet cleaning, or 20 kg for traditional washing, enabling larger loads to be processed quickly.

Up to 20 kg of traditional laundry can be dried in the Miele PT 7501 dryer which uses an axial air stream drying system. The laundry "falls" from the top of the drum into the air stream, which blows parallel to the axle of the drum. The residual moisture levels are constantly monitored by sensors throughout the drying process, and the necessary adjustments made. The clothes turn smoothly in the Miele HONEYCOMB DRUM, supported on a cushion of air which prevents damage to of textiles by mechanical stress.

The unique Miele Kreussler System with its range of innovative features offers cleaning establishments a chance to install an increasingly popular wet cleaning system, ensuring the high level of customer satisfaction which is essential for a successful future.

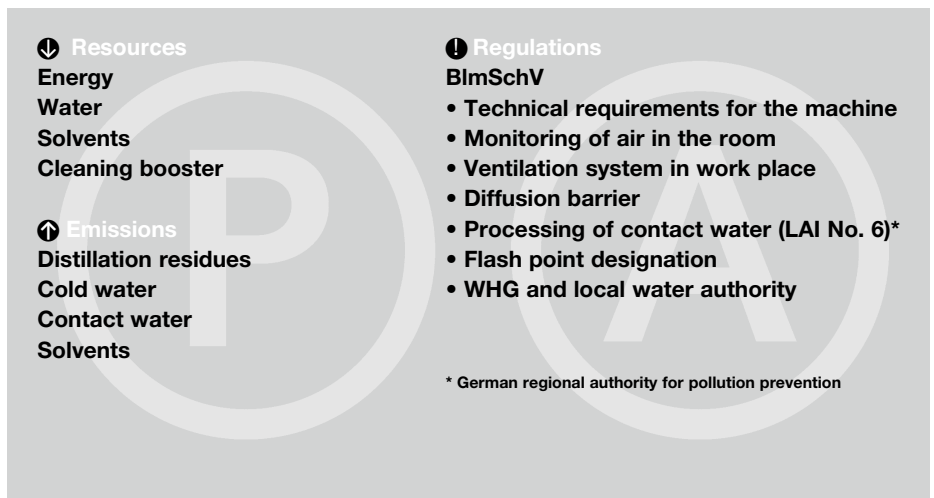
* Depends on laundry type

Page 30:
PW 6201 Wet cleaning system
PT 7501 Dryer shown with
Stainless steel front

The advantages of over chemical dry cleaning



- ↓ Resources
 - Energy
 - Water
 - Special detergents
- ↑ Emissions
 - Waste water
- ! Regulations
 - WHG and local water authority



- ↓ Resources
 - Energy
 - Water
 - Solvents
 - Cleaning booster
- ↑ Emissions
 - Distillation residues
 - Cold water
 - Contact water
 - Solvents
- ! Regulations
 - BlmSchV
 - Technical requirements for the machine
 - Monitoring of air in the room
 - Ventilation system in work place
 - Diffusion barrier
 - Processing of contact water (LAI No. 6)*
 - Flash point designation
 - WHG and local water authority

* German regional authority for pollution prevention



The Miele laundry system for Residential homes

The laundry requirements of residential homes are extremely diverse, necessitating a very efficient, flexible, in-house laundrette. A multi-bedded home generates a corresponding amount of bed linen, bath towels and personal laundry. An efficient laundry facility should also be able to deal with duvets and pillows economically, as well as offer a professional service for the residents' personal clothing. The challenge is to provide comprehensive laundry care for satisfied residents.

Miele's PROFITRONIC M machines fulfil the necessary technical and operational requirements, and are highly functional, versatile and economical. Patented technology guarantees exceptional washing results with the Miele HONEYCOMB DRUM, as well as low energy consumption through efficient use of the air in the dryer with the optimised AIR RECYCLING PLUS system. The simple-to-use Profitronic M controls mean that programme packages such as the special Bedding programme can be easily selected.

And the gentle laundering processes mean that personal clothing, too, receives the optimum care, ensuring a residential home has everything it needs for the complete laundry service.

An ideal Miele solution for processing large quantities of a wide variety of different textiles in a residential home would be two PW 6201 washer-extractors and two PT 7501 dryers, each with a maximum load of 20 kg. The MM 50-205 is one of Miele's ideal rotary ironers to complete the set. Its large 50 cm diameter roller and high heater rating enables preparation and ironing times to be kept to a minimum.

The Miele Little Giants (PW 6065 PLUS washer-extractor and PT 7136 PLUS dryer) installed in a stack are perfect for laundries where residents do their own personal washing. They can take a maximum dry load of 6.5 kg, and the single dial for selecting programmes, including a Woollens programme for hand-washable laundry, is very easy to use. These machines benefit too from the unique Miele HONEYCOMB DRUM, guaranteeing optimum laundry care. The wall-mounted C 4060 coin box is also available as an optional extra.

Page 32:
Washer dryer stack with
PW 6065 PLUS and PT 7136 PLUS

PW 6201 and PT 7401 on the floor
PM 1421 Rotary ironer





The Miele laundry system for Floor cleaning

System solutions for professional floor cleaning

For professional floor cleaners it is vital to have a supply of clean materials ready at all times to ensure efficiency. Miele Professional offers the perfect solution with special mop machines that have washing, disinfecting and drying programmes tailor made for the floor cleaning market. The range includes machines with a capacity from 6.5 kg up to 32 kg, giving a maximum working volume of 168 mops per load (40 cm/190 g).

Washing

Machine preparation of mops places particular demands on the machine. Thanks to their special process technology, Miele's professional mop washers remove even stubborn dirt from the mop heads. The robust construction of the machines offers additional benefits: economical non-stop operation, fast washing and drying thanks to short running times, optimum use of water and energy, gentle handling of the items being processed and optimum residual moisture levels for immediate re-use.

Drying

Generally mop heads are re-used immediately after cleaning while they are still damp. However, if they are to be stored, it makes sense hygienically to dry them first. In this case, Miele tumble dryers are the perfect solution. Optimised drying programmes and machines of matching capacity ensure the mop heads are dried economically.

Disinfecting

In many situations, e.g. hospitals, hygiene is as important as dirt removal. Therefore, the machines come as standard with thermal and chemo-thermal disinfecting programmes. The programme parameters are continuously monitored to ensure that any problem with the disinfecting process is instantly reported.

Cloths

In all the mop machines, including the new mop washer in the Little Giants series, cloths can be washed and impregnated with disinfectant or cleaning agent in one process in the machine ready for their next cleaning job. The patented Miele process optimises not only the working procedure and use of detergent, but also standards of hygiene.

The small solution for big results

The finishing touch to Miele's product range for floor cleaners is the new PW 5064. This special machine in the Little Giants range has been specially designed for the floor cleaning market. It is the first time that the patented Miele HONEYCOMB DRUM has been used for the processing of mop heads and it contributes to a high level of economy thanks to the protection it offers the mops. With its short running times, the PW 5064 mop washer guarantees efficient processing of all cleaning materials: simply, economically and safely.

Whether the mops are made of cotton or microfibre, they can be cleaned at the press of a button. The process technology is perfectly adapted to give perfect cleaning for every type of material.

Other highlights are the patented water extraction system which helps to save water and gives considerably better washing results, an innovative liquid detergent dispenser and the new drain valve.

Page 34:
PW 6161 and PT 7401
with stainless steel fronts

PW 5064, white

Miele laundry accessories:
Trolley and laundry basket

Capacity of the Miele mop machines in numbers of mops (cotton mops/microfibre mops)*

Dimensions	Weight	PW 5064	WS 5073/WS 5071	PW 6101	PW 6131	PW 6161	PW 6201	PW 6241	PW 6321
40 cm	190 g/120 g	33/54	38/60	53/80	68/100	84/130	105/160	126/200	168/260
50 cm	220 g/170 g	29/38	33/40	45/55	59/75	73/90	91/115	109/140	145/180
80 cm/75 cm	360 g/250 g	18/26	20/30	28/40	36/52	44/64	56/80	67/96	89/128

* The figures are approximate and are for guidance only. Further sizes/load capacities available on request.



The Miele laundry system for Table, bed and bathroom linen

Washing, drying, ironing – excellent wash results and a perfect finish are an important part of the hospitality offered by hotels and restaurants. And having the right sized machine for your needs guarantees that these can be achieved economically.

A professional service creates satisfied customers – and perfectly laundered linen creates a feeling of wellbeing: pristine tablecloths and napkins are a mark of sophisticated dining while top quality bed linen and soft towels in the bathroom and spa are vital for making hotel guests feel pampered. And to ensure that laundry care is of the highest quality, an in-house facility is essential. Miele's Professional laundry machines, individually configured to suit the needs of large and small businesses, are the economical solution for the foresighted hotelier and restaurateur.

Miele laundry machines have special programme packages for dealing with the every day laundry requirements of hotels and restaurants. For the guest, the feeling of wellbeing begins in bed – and continues with perfectly laundered hand towels, tablecloths, napkins etc, and this can be achieved with an in-house laundry. Miele's tried and tested programmes ensure the correct washing process for every type of material.

The simple and economical bedding programme improves standards of hygiene for quilts, pillows and synthetic and feather duvets, even for allergy sufferers. There are also programmes tailored particularly for clothing, e.g. woollen garments and jumpers, shirts, silk blouses and evening wear. The perfect service for your guests!

Page 36:
PW 6131,
1 Washer-extractor with stainless steel front

PT 7401,
1 Dryer with octo blue front

Load capacities for washer-extractors

	PW 6101	PW 6131	PW 6161	PW 6201	PW 6241	PW 6321
Single duvets	1	1	2	2	3	4
Pillows	2	3	4	5	6	8
Single duvets/pillows	–	1/1	1/2	1/3	2/2	3/2–3

Load capacities for tumble dryers

	PT 7251	PT 7331	PT 7401	PT 7501	PT 7801
Single duvets	1	1	2	2	4
Pillows	2	3	4	5	8
Single duvets/pillows	–	1/1	1/2	1/3	3/3

	T 6251	T 6351	T 6551	T 6751
Single duvets	1	1–2	3	3–4
Pillows	2	3–4	6	7
Single duvets/pillows	–	1/1	2/2	3/2



The Miele laundry system for the Emergency services

Protective clothing used by the Emergency services has high demands placed on it, and requires special treatment in the laundry. Most of the thermal, multi-layered fabrics used in these garments have a waterproof layer of Goretex®, Sympatex® or other similar material. In addition, reflective stripes are often attached to the outside of the garments to maximise visibility. Uniforms usually emerge from an incident heavily soiled, and require thorough, careful cleaning and immediate reproofing, depending on the fabric, to retain their safety and protective qualities. Simply drying protective clothing and occasionally washing it in a domestic washing machine is not adequate from either a hygienic or an economical point of view. Using an external professional laundry is also uneconomical, as long distances and turnaround times would make it necessary to double up on the uniforms.

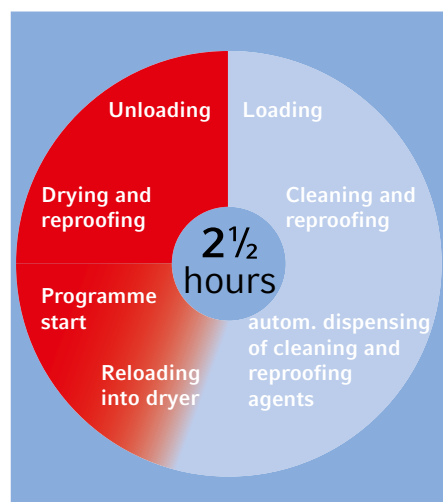
Miele Profitronic machines offer an effective, inexpensive, technically advanced and easy-to-install solution for processing protective clothing on-site. They are easy and safe to use, with programmes designed to suit all types of fabric. Even the cleaning agents are dispensed automatically. Protective clothing is ready to use again in approx. 2½ hours, having been washed, re-proofed and dried. The thorough, gentle programmes in conjunction with the patented Miele HONEYCOMB DRUM ensure that these expensive uniforms are treated particularly gently to preserve their quality. Breathing masks can also be processed in Miele machines. In conjunction with mask and detergent manufacturers, Miele has developed special washing and disinfection processes. An obvious advantage of this is that masks do not have to be dismantled for cleaning. They are simply put inside a special wash bag to protect the visor, and then placed in a holder to secure them during the gentle drying process. And as an example of just how versatile the Miele system is, ordinary textiles, blankets, sportswear etc. can also be processed in these machines.

The installation in our example of a Miele PW 6131 washer-extractor and a PT 7331 dryer is one optimal combination for processing protective clothing, breathing masks and chemical suits*. Approx. two protective suits or 12 breathing masks can be washed, re-proofed, disinfected and dried in each load. The low consumption rates, together with perfect cleaning results, combine to create a system which is incredibly economical. For example, the drum speed on the dryer for the breathing mask programme is only 20 rpm, ensuring the gentlest possible treatment for these expensive items. The masks only take approx. 45 minutes to dry, which is an enormous improvement on the 3–6 hours required to dry masks in an airing cupboard.

* Depending on the laundry amount

Page 38:
PW 6131 Washer-extractor
PT 7331 Dryer

Fast, simple, hygienically clean



Load capacities for washer-extractors

	PW 6101	PW 6131	PW 6161	PW 6201	PW 6241	PW 6321
Protective suits	1–2	2	3	3–4	4	5
Protective jackets	2	3	4	5	6–7	8–9
Breathing masks	9	12	13	16	19	25
Chemical protective suits	–	1	1–2	2	3	4

Load capacities for tumble dryers

	PT 7251	PT 7331	PT 7401	PT 7501	PT 7801
Protective suits	1–2	2	3	3–4	5–6
Protective jackets	2	3	4	5	9
Breathing masks*	8	12	16	12	16
Chemical protective suits	–	–	–	–	–

	T 6251	T 6351	T 6551	T 6751
Protective suits	1–2	2–3	4	5
Protective jackets	2	3–4	6–7	9
Breathing masks*	8	12	12	16
Chemical protective suits	–	–	–	–

* Each holder can take 2–4 masks, depending on the drum depth of the dryer.



The Miele laundry system for Equestrian centres

Good hygiene is essential for the well-being of horses that live in equestrian establishments, and the correct cleaning of all textiles that come into contact with the animals is an important part of this. Not only does accumulated dirt reduce the effectiveness of blankets, sweat rugs, saddle covers etc, it can also lead to unpleasant fungal skin conditions. What's more, an immaculate horse blanket is a sign of a well-kept horse, which is particularly important in competitions where great emphasis is placed on visual appearance. Washing blankets in a simple domestic machine will not achieve the desired result; it is a specialist job that requires the right technology and wash programmes. An on-site laundry within the equestrian centre has many advantages. Laundry can be done in situ as part of the daily routine and equine odours will remain in the stable.

Miele offers washer-extractors with capacities of 7.5 to 32 kg with special wash programmes for horse blankets and accessories which are the perfect solution for equestrian establishments. The equestrian programmes include four special programmes for washing and proofing horse blankets: a 30°C and a 60°C programme, a delicates programme and a programme with a proofing phase included for optimum waterproofing. The machines can also handle halters, girths, bandages, saddlecloths and similar textile items which are not always accepted by commercial laundries. Loading and operating the machines is simplicity itself. Just load the items via the generous door opening, select a programme and start the machine. If items are to be washed which give off a very large amount of fluff and hair, it is advisable to order a machine which has a special drum, and which is designed to allow the suds to move freely around the heating element to prevent horse hairs and dirt from becoming trapped in the machine. An additional fluff filter system between the machine and the drainage connection protects the domestic water supply against blockages.

Laundry can be clean and ready for use again in less than an hour. With high spin speeds and correspondingly low residual moisture levels, subsequent drying times are much reduced. Twelve drying programmes are available to dry the equipment gently and thanks to the new air and temperature controls with integrated AIR RECYCLING PLUS system, drying is simple, economical and fast, not to mention environmentally friendly.

An entry level solution* for equestrian centres would be the PW 6101 washer-extractor and PT 7251 tumble dryer which can process 1 winter blanket or 2 summer blankets or 7 saddle cloths per load. A range of practical accessories is also available, such as dispenser pumps, plinths and protective sleeves to cover buckles, as well as coin boxes for self service operation, making this a particularly economical option for stables.

* Depending on amount of laundry

Page 40:
PW 6101 Washer-extractor
PT 7251 Dryer

Load capacities for washer extractors*

	PW 6101	PW 6131	PW 6161	PW 6201	PW 6241	PW 6321
Saddle cloths	7	9	11	14	16	20
Summer blankets	2	2-3	3	3-4	4-5	5-6
Winter blankets	1	1-2	1-2	2	2-3	3-4

Load capacities for tumble dryers*

	PT 7251	PT 7331	PT 7401	PT 7501	PT 7801
Saddle cloths	7	9	11	14	20
Summer blankets	2	2-3	2-3	3-4	5-6
Winter blankets	1	1-2	1-2	2	3-4

	T 6251	T 6351	T 6551	T 6751
Saddle cloths	7	10	15	19
Summer blankets	2	2-3	4	5
Winter blankets	1	1-2	2-3	3

* Depends on composition of fabric



The Miele laundry system for Sporting establishments

“Be prepared” is a valid motto when it comes to sportswear. As soon as a training session or a match has finished, a pile of dirty clothes mounts up in the changing room – sweaty shorts and shirts, track suits, etc, with different types of soiling depending on the sport. When it comes to laundering sportswear, the kit manager and the washing machine become valued members of the team. Doing the laundry on-site in the club’s own machines is the professional and economic solution for many sports clubs. The main advantages are not having to transport the laundry any distance, and the convenience of being able to launder kit at any time. With special wash programmes and quick turnaround times, kit can be ready to wear again in next to no time.

The Miele ranges of professional washer-extractors and dryers with a maximum load capacity of 5.5–40 kg of dry laundry enables clubs to select the solution that best meets their needs.

The entry and compact ranges of machines offer maximum capacities of 5.5 to 7.5 kg, making them ideal for small clubs where the team’s kit has to be clean in time for the next match. The new washer-extractors and dryers in the PROFITRONIC M range with a maximum load of between 10 and 32 kg are the ideal machines for larger organisations. Installing a bank of these machines, or combining them with Miele 24 or 32 kg capacity laundry machines from the PROFITRONIC M generation, makes light work of even the largest mountains of laundry generated by professionals, amateurs and the latest generation of young players.

The machines are extremely easy to use. Programme information is shown in clear text format in the display, and then only needs to be confirmed/started.

Our example shows a high-performance solution with a PW 6101 washer-extractor and a PT 7251 dryer from the new PROFITRONIC M generation. Both machines have a maximum load capacity of 10 kg. Using the freely programmable PROFITRONIC M controls, the washing and drying programmes can be individually tailored to the fabric being laundered. For example, a pre-wash programme can be selected to deal with mud and heavy soiling. Something totally new for these machines is the patented Miele HONEYCOMB DRUM. The smooth, slightly sculptured surface and the special pattern of the drum with fewer, smaller holes than a traditional drum ensure optimum care for clothing during washing and drying, leaving the grimeiest sports kit impeccably clean.



The Miele laundry system for Holiday establishments

Laundry facilities are very popular with guests in holiday establishments, youth hostels, campsites etc., and venues offering on-site facilities for laundering personal clothing and other items such as sleeping bags, bedding and outerwear, inevitably have the edge over the competition. Owners have the choice of offering either a full laundry service or a self-service laundrette for guests to use themselves. In both cases, it is very simple to plan, install and operate the machines.

The classic laundry machines for holiday establishments are the professional washer-extractors and dryers with load capacities of 5.5, 6.5 or 7.5 kg. Whether it is a single machine or a bank of several machines, the Miele laundry machines offer versatile options for the typical needs of holiday guests. The construction, Miele's legendary quality and the short programme times are all designed for continuous daily use by a constant stream of different people.

With the larger 10 kg PROFITRONIC M machines, e.g. the PW 6101 washer-extractor and the PT 7251 dryer, there is the option of extending the range of programmes to include typical holiday items such as sleeping bags and bedding. This means guests can wash and dry their laundry whilst on holiday, and return home with everything clean!

The example shows the Miele W 6073 washer-extractor and the T 6185 dryer with a maximum capacity of 7.5 kg. The 30 cm high stainless steel plinth raises the machines up to the ideal height for loading and unloading. As an alternative to the W 6073 with fixed programmes (illustrated), there is the W 6071 which is the same size but has freely programmable controls. Individual programmes can be written for every imaginable fabric, and saved to the machine's memory. Both machines feature the patented Miele HONEYCOMB DRUM for exceptional results.

Page 44:
W 6073 Washer-extractor
T 6185 Dryer
UG 5007 Plinth

Load capacities for washer-extractors*

	PW 6101	PW 6131	PW 6161	PW 6201	PW 6241	PW 6321
Sleeping bags	1	1-2	3	3-4	4	5-6

Load capacity for tumble dryers

	PT 7251	PT 7331	PT 7401	PT 7501	PT 7801
Sleeping bags	1	1-2	3	3-4	6

	T 6251	T 6351	T 6551	T 6751
Sleeping bags	1	2	4	5

* The load may vary depending on the type of sleeping bag being washed

Washer-extractors

Miele's Little Giants: 5.5–6.5 kg load capacity

Model number	PW 6055 PLUS	PW 6065 PLUS*	PW 5064
Suitable for mop heads	-	-	•
Capacity (kg)	5.5	6.5	6.5
HONEYCOMB drum with additional perforations in rear panel, volume (l)	-	-	59
HONEYCOMB DRUM, volume (l)	54	59	-
Spin speed (max. rpm)	1400	1400	1400
G-factor	526	526	526
Residual moisture (%)	50	50	22**
Controls			
PROFITRONIC L PLUS	•	•	-
NOVOTRONIC	-	-	•
24 h Delay Start feature	•	•	-
96 h Delay Start feature	-	-	•
Plumbing			
Cold water, 1/2" with 3/4" threaded union	1 x	1 x	1x
Hot water, 1/2" with 3/4" threaded union	1 x	1 x	1x
Drain pump or dump valve	DN 22/DN 70	DN 22/DN 70	DN 70
Electrical connection			
Asynchronous motor with frequency converter	•	•	•
2N AC 400 V 50 Hz	•	•	•
Heater rating [kW]	5.3	5.3	4.6
Total connected load [kW]	5.5	5.5	4.8
Fuse rating [A]	2x16	2x16	2x16
Can be converted to 1 N AC 230 V 50 Hz	•	•	•
Heater rating [kW]	2.65	2.65	2.3
Total connected load [kW]	2.85	2.85	2.5
Heating electric [EL]	•	•	•
Detergent dispenser			
3 compartment dispenser drawer	•	•	•
Optional extras			
Dispensing adapter for up to 6 liquid agents	-	-	•
"Container empty" sensors for 6 pumps	-	-	•
Dispenser for liquid agents (conversion kit required)	•	•	-
Serial interface RS 232 (conversion kit required)	•	•	-
Dimensions, weight			
External dimensions H/W/D (mm)	850/600/715	850/600/715	850/595/715
Weight (kg)	106	108	107
Suitable for stacking	•	•	•
External finish			
Lotos white enamel finish	•	•	•
or stainless steel	optional	optional	-

• = supplied as standard, - = not available

* 60 Hz versions available on request.

** with respect to mop heads.

Data quoted above is for a standard machine for the German market.

For other countries data is available on request.

The right controls for every application: **PROFITRONIC L PLUS³**

New & unique: the newly developed PROFITRONIC L PLUS³ controls offer three different operating methods in one appliance. Whether in an apartment block, a hotel, a laundrette or a camp site, the controls of the PW 6055 Plus and PW 6065 Plus can be individually adapted at the press of a button to suit the needs of the user.

Version 1

The first version is particularly versatile and can be operated both via the direct selection buttons and via the multifunction selector. The user can choose the appropriate programme from the full programme list. At the same time, parameters such as the spin speed, temperature and pre-wash and intensive wash options can be individually selected for every wash cycle. These controls are particularly suitable for situations where the machines will be operated by the same staff, e.g. in hotels, restaurants, laundries and residential homes.



Version 2

With the second version “4 programmes – 4 buttons” the PROFITRONIC L PLUS³ controls make for the easiest washing machine controls to use. To start a wash programme the user only has to press one of the direct selection buttons and the start button. The 4 programmes and their parameters are fixed by the machine’s supervisor and the user simply selects from the list available – fast and simple. This is ideal for use in campsites, student’s halls of residence, laundrettes and laundries processing only small amounts of washing. These machines also offer the option of 4 disinfection programmes, helping to ensure process safety in residential and care homes.



Version 3

This version is the perfect compromise between programme choice and simple operation. The three most important programmes can be selected via 3 direct selection buttons. The fourth direct selection button opens up a menu giving a choice of 9 further programmes. In total, therefore, the user has 12 programmes to choose from. These are chosen by the supervisor to suit the needs of the customers.



Compact washer-extractors:

7.5 kg load capacity

Model number	WS 5073 Mopp	W 6073	WS 5071 Mopp	W 6071
Capacity [kg]	7.5	7.5	7.5	7.5
HONEYCOMB DRUM, volume [l]	73	73	73	73
Special drum, volume [l]				
Spin speed [max. rpm]	1200	1200	1200	1200
G-factor	450	450	450	450
Residual moisture [%]	51	51	51	51
Controls / programmes				
MULTITRONIC, 23 programmes	•	•	–	–
PROFITRONIC, freely programmable	–	–	•	•
Plumbing				
Cold water, 1/2" with 3/4" threaded union	1 x	1 x	1 x	1 x
Hot water, 1/2" with 3/4" threaded union	1 x	1 x	1 x	1 x
Drain pump or dump valve	DN 22 / DN 50	DN 22 / DN 50	DN 22 / 50	DN 22 / DN 50
Electrical connection				
Three phase asynchronous motor with frequency converter	•	•	•	•
3 N AC 380–415 V 50 Hz*	•	•	•	•
Heater rating [kW]	8	8	8	8
Total connected load [kW]	8.5	8.5	8.5	8.5
Fuse rating [A]	3 x 16	3 x 16	3 x 16	3 x 16
Heating electric [EL]	•	•	•	•
Detergent dispenser				
4 compartment dispenser in lid of machine	•	•	•	•
Optional extras				
Dispenser for liquid agents	•	•	•	•
Serial interface RS 232	–	–	•	•
Dimensions, weight				
External dimensions H/W/D [mm]	1020/730/790	1020/730/790	1020/730/780	1020/730/780
Weight [kg]	147	147	147	147
External finish				
Lid	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Front	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Sides	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹
Rear	Galvanized	Galvanized	Galvanized	Galvanized

• = supplied as standard, – = not available

* For other voltages please ask.

Data quoted above is for a standard machine for the German market.

For other countries data is available on request.

¹ Powder coated

MULTITRONIC washer-extractors

8, 10 and 14 kg load capacity

Model number	WS 5080	WS 5100	WS 5140
Capacity [kg]	8	10	14
SPECIAL DRUM, volume [l]	80	100	140
Spin speed [max. rpm]	1100	1000	750
G-factor	400	330	186
Residual moisture [%]	48	55	64
Controls/programmes			
MULTITRONIC, delay start up to 9.5 hours	•	•	•
Plumbing			
2 x cold water, 1/2" with 3/4" threaded union	•	•	•
1 x hot water, 1/2" with 3/4" threaded union	•	•	•
Hard water	Optional	Optional	Optional
Dump valve	DN 70	DN 70	DN 70
Electrical connection (electric models)			
3 N AC 380–415 V 50 Hz*	•	•	•
Heater rating [kW]	9	9	15
Total connected load [kW]	9.35	9.35	15.4
Fuse rating [A]	3 x 16	3 x 16	3 x 25
Heating method, optional			
Electric (EL), gas (G), steam (HD ind./HD dir/ND ind.)**	EL only	•	•
Detergent dispenser			
4 compartment dispenser in lid of machine	•	•	•
Optional extras			
Dispenser for liquid agents	Optional	Optional	Optional
Dimensions, weight (EL version)			
External dimensions H/W/D [mm]	1160/805/840	1160/805/910	1160/805/1060
Weight [kg]	230	262	311
External finish			
Lid	Stainless steel	Stainless steel	Stainless steel
Front	Stainless steel	Stainless steel	Stainless steel
Sides	Octo blue ¹	Octo blue ¹	Octo blue ¹
Rear	Galvanized	Galvanized	Galvanized

• = supplied as standard

* For other voltages please ask.

** Steam vent not supplied as standard

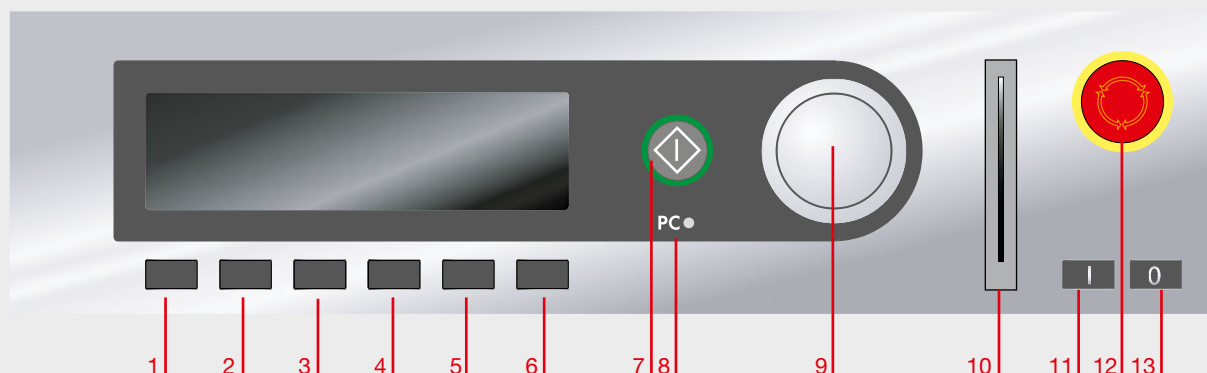
Data quoted above is for a standard machine for the German market.

For other countries data is available on request.

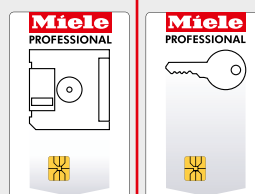
Programme controls: PROFITRONIC M

The new PROFITRONIC M controls are an innovation from Miele's electronic factory. All washer-extractors and tumble dryers in the PW and PT range now have the same controls and a unified control panel. The new Profitronic M controls with memory function are freely programmable and can be updated at any time. There are 199 programme slots available, of which sixteen on the washer-extractor and twelve on the tumble dryer contain standard programmes. To complement the standard programmes, Miele also offers ready-made programme packages, e.g. for curtains, feather or synthetic duvets, horse blankets and protective clothing. A chip card reader can be used to lock certain programmes that should not be made generally available. Programme modifications and storage can be carried out independently or with the help of Miele Service Department.

The user is guided by clear text and graphic symbols. Programmes are selected via a rotary dial and alternatively buttons. The machines can also be operated by chip card if preferred. An optical interface is available for programming via a PC. Various parameters can be preselected: start time, programme end time, temperature, spin speed and language (with a choice of eleven different languages). Highly developed sensor technology ensures optimum reliability. The load recognition system optimises the use of energy, water, cleaning agents and time. A temperature sensor ensures precise control of the washing and drying temperatures and a load imbalance sensor automatically adjusts the spin speed if necessary.



- 1 - 6 Programming buttons
- 7 Start
- 8 Optical interface for PC
- 9 Multi-function selector with turn and press mechanism
- 10 Chip card reader with chip card (optional extra on dryers)
- 11 On button
- 12 Emergency stop switch
- 13 Off button



PROFITRONIC M washer-extractors: 10, 13, 16 and 20 kg load capacity

Model number	PW 6101	PW 6131	PW 6161	PW 6201
Capacity [kg]	10	13	16	20
HONEYCOMB DRUM, volume [l]	100	130	160	200
Spin speed [max. rpm]	1200	1100	1150	1100
G-factor	475	400	500	460
Residual moisture [%]	47	47	46	47
Controls/programmes				
PROFITRONIC M, freely programmable	•	•	•	•
Plumbing				
Cold water, 1/2" with 3/4" threaded union	2 x	2 x	2 x	2 x
Hot water, 1/2" with 3/4" threaded union	1 x	1 x	1 x	1 x
Hard water, 1/2" with 3/4" threaded union	Optional	Optional	Optional	Optional
Dump valve	DN 70	DN 70	DN 70	DN 70
Electrical connection (electric heating)				
Three phase asynchronous motor with frequency converter	•	•	•	•
3 N AC 380–415 V 50–60 Hz*	•	•	•	•
Heater rating [kW]	9	15	15	18
Total connected load [kW]	11.0	17.0	17.0	22.3
Fuse rating [A]	3 x 16	3 x 25	3 x 25	3 x 35
Heating options				
Electric (EL), Gas (G), Steam ² (HD, ND)	•	•	•	•
Detergent dispenser				
4 compartment dispenser in front of machine	•	•	•	•
Optional extras				
Dispenser for liquid agents	•	•	•	•
Serial interface RS 232	•	•	•	•
Dimensions, weight (electric heating)				
External dimensions H/W/D [mm]	1250/804/925	1250/804/1005	1400/924/1007	1400/924/1140
Weight [kg]	323	342	454	495
External finish				
Lid	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹
Front	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Sides	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹
Rear	Galvanized	Galvanized	Galvanized	Galvanized

• = supplied as standard

* For other voltages please ask.

¹ Powder coated

² Steam:

HD = High pressure steam

ND = Low pressure steam

Data quoted above is for a standard machine for the German market.

For other countries data is available on request.

Washer-extractors

PROFITRONIC: 24 and 32 kg load capacity

Barrier machines: 16, 24 and 32 kg load capacity

Model number	PW 6163	WS 5243	WS 5323	PW 6241	PW 6321
Clean/unclean side	•	•	•	-	-
Capacity [kg]	16	24	32	24	32
HONEYCOMB DRUM, volume [l]	160	-	-	240	320
Special drum	-	240	320	-	-
Spin speed [max. rpm]	975	950	800	1100	1000
G-factor	360	403	286	542	448
Residual moisture [%]	49	49	50	46	50
Door opening diameter [mm]	366x352	313x370	472x370	430	430
Controls/programmes					
PROFITRONIC M, freely programmable	•	-	-	•	•
PROFITRONIC, freely programmable	-	•	•	-	-
Plumbing					
Cold water, 3/4" with 1" threaded union	1x	1x	1x	1x	1x
Hot water, 3/4" with 1" threaded union	1x	1x	1x	1x	1x
Hard water, 3/4" with 1" threaded union	1x	1x	1x	1x	1x
Dump valve	DN 70	DN 70	DN 70	DN 70	DN 70
Electrical connection (electric heating)					
Three phase asynchronous motor with frequency converter	•	•	•	•	•
3 N AC 380–415 V 50–60 Hz*	•	•	•	•	•
Heater rating [kW]	15	24	30	24	30
Total connected load [kW]	18	25	31	25	31
Fuse rating [A]	3x35	3x50	3x50	3x50	3x63
Heating options					
Electric (EL), Gas (G), Steam ² (HD, ND)	• (not G)	• (not G)	• (not G)	•	•
Detergent dispenser					
Compartment dispenser in front of machine	4	5	5	5	5
Optional extras					
Dispenser for liquid agents	•	Optional	Optional	•	•
Serial interface RS 232	•	•	•	Optional	Optional
Peak load cut-out	Optional	-	-	Optional	Optional
Dimensions, weight (electric heating)					
External dimensions H/W/D [mm]	1705/1110/870	1720/1150/1180	1720/1310/1180	1640/1085/1265	1640/1085/1272
Weight [kg]	630	860	933	640	648
External finish					
Lid	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹
Front	Octo blue ^{1**}	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Sides	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹
Rear	Octo blue ^{1**}	Galvanized	Galvanized	Galvanized	Galvanized

• = supplied as standard, – = not available

* For other voltages please ask.

** Optional: Stainless steel

¹ Powder coated

² Steam:

HD = High pressure steam

ND = Low pressure steam

Data quoted above is for a standard machine for the German market.

For other countries data is available on request.

Tumble dryers

Miele's Little Giants: 6.5 kg load capacity

Model number	PT 7135 C PLUS	PT 7136 PLUS*
Capacity (kg)	6.5	6.5
HONEYCOMB DRUM, volume (l)	130	130
Condenser dryer	•	–
Vented dryer	–	•
Controls/programmes		
PROFITRONIC L PLUS controls with additional special programmes	•	•
Electrical connection		
3 N AC 400 V 50 Hz	–	•
2 N AC 400 V 50 Hz	•	–
Heater rating [kW]	3.45	6.14
Total connected load [kW]	3.75	6.44
Fuse rating [A]	2x10	3x10
Heating electric [EL]	•	•
Extraction ducting	DN 100	DN 100
Dimensions, weight		
External dimensions H/W/D (mm)	850/595/700	850/595/700
Weight (kg)	58	54
Suitable for stacking	•	•
External finish		
Lotos white enamel finish	•	•
or stainless steel	Optional	Optional

• = supplied as standard, – = not available

* 60 Hz versions available on request.

Data quoted above is for a standard machine for the German market.

For other countries data is available on request.

Compact tumble dryers: 7.5 kg load capacity

Model number	T 6185 (Electric)	T 6185 (Gas ³)
Capacity [kg]	7.5	7.5
HONEYCOMB DRUM, volume [l]	185	185
Vented dryer with AIR RECYCLING system	•	•
Controls/programmes		
Programmable TROCTRONIC, 9 sensor programmes, 2 timed programmes	•	•
Electrical connection		
3N AC 380–415 V 50 Hz	•	–
AC 220–240 V 50 Hz	–	•
Heater rating [kW]	7.4-8.7	6.5 (G 20), 5.4 (G25)
Total connected load [kW]	7.9-9.2	0.5
Fuse rating [A]	3 x 16	1x10
Heating options: Electric (EL), Gas (G)	EL	G
Extraction ducting	DN100	DN100
Peak load cut-out	Optional	•
Dimensions, weight		
External dimensions H/W/D mm	1020/730/725	1020/730/725
Weight [kg]	75	75
External finish		
Lid	Octo blue ¹	Octo blue ¹
Front ²	Octo blue ¹	Octo blue ¹
Sides	Octo blue ¹	Octo blue ¹
Rear	Galvanized	Galvanized

• = supplied as standard, – = not available

¹Powder coated / ²Optional: Stainless steel front / ³Natural gas only. This machine is not suitable for use with LPG.

Data quoted above is for a standard machine for the German market. For other countries data is available on request.

TIMETRONIC tumble dryers: 8, 10 and 14 kg load capacity

Model number	PT 5201	PT 5251	PT 5351
Capacity [kg]	8	10	14
Smooth walled drum, volume [l]	200	250	350
AIR-RECYCLING system	•	•	•
Controls, Programmes			
TIMETRONIC	•	•	•
Vent outlet diameter [DN]	150	150	150
Electrical connection			
3N AC 380–415 V 50 Hz*	•	•	•
Heater rating [kW]	13.5	13.5	18
Total connected load [kW]	14.2	14.2	18.7
Fuse rating [A]	3 x 25	3 x 25	3 x 25
Connection for peak load cut-out	Optional	Optional	Optional
Heating methods, optional			
Electric (EL), Gas (G)	•	•	•
Dimensions, weight (EL version)			
External dimensions H/W/D [mm]	1390/906/691	1390/906/779	1390/906/1007
Weight [kg]	141	147	168
External finish			
Front, lid and sides octo blue, rear galvanized	•	•	•
Front stainless steel, lid and sides octo blue, rear galvanized	Optional	Optional	Optional
Connection for coin box	• (on COP version)	• (on COP version)	• (on COP version)

• = supplied as standard

* For other voltages please ask.

Data quoted above is for a standard machine for the German market. For other countries data is available on request.

PROFITRONIC M tumble dryers: 10, 13, 16, 20 and 32–40 kg load capacity

Model number	PT 7251	PT 7331	PT 7401	PT 7501	PT 7801
Capacity [kg]	10	13	16	20	32/40*
HONEYCOMB DRUM, volume [l]	250	325	400	500	800
Vented dryer with AIR RECYCLING PLUS drying system	•	•	•	•	•
Controls/programmes					
PROFITRONIC M, freely programmable	•	•	•	•	•
Electrical connection (electric heating)					
3 N AC 380–415 V 50 Hz**	•	•	•	•	•
Heater rating [kW]	13.5	18	22.5	27	36
Total connected load [kW]	14.3	18.8	23.8	28.3	37.9
Fuse rating [A]	3 x 25	3 x 35	3 x 50	3 x 50	3 x 63
Heating options					
Electric (EL), Gas (G), Steam ³ (HD)	EL/G	EL/G	EL/G/HD	EL/G/HD	EL/G/HD
Exhaust ducting	DN 150	DN 150	DN 150	DN 150	DN 150
Dimensions, weight (electric heating)					
External dimensions H/W/D [mm]	1400/906/836	1400/906/1019	1400/906/1148	1640/1206/1002	1640/1206/1368
Weight [kg]	160	176	196	248	290
External finish					
Lid	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹
Front ²	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹
Sides	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹
Rear	Galvanized	Galvanized	Galvanized	Galvanized	Galvanized

• = supplied as standard

* 32 kg (1:25), 40 kg (1:20), ** For other voltages please ask.

¹ Powder coated, ² Optional: stainless steel front, ³ Steam: HD = high pressure steam, Steam valve not supplied as standard.

Data quoted above is for a standard machine for the German market. For other countries data is available on request.

TROCTRONIC tumble dryers: 10, 14, 22 and 30 kg load capacity

Model number	T 6201	T 6251	T 6351	T 6551	T 6751
Capacity [kg]	8	10	14	22	30
Drum volume [l]	200	250	350	550	750
Vented dryer with AIR RECYCLING system	•	•	•	•	•
Controls/programmes					
TROCTRONIC, 9 sensor programmes, 2 timed programmes	•	•	•	•	•
Electrical connection (electric heating)					
3 N AC 380–415 V 50 Hz**	•	•	•	•	•
Heater rating [kW]	13.5	13.5	18	27	36
Total connected load [kW]	14.3	14.3	19.05	29	38
Fuse rating [A]	3 x 25	3 x 25	3 x 35	3 x 50	3 x 63
Heating options					
Electric (EL), Gas (G), Steam ³ (HD)	EL, G	EL, G, HD	EL, G, HD	EL, G, HD	EL, G, HD
Air intake/exhaust ducting	DN 150	DN 150	DN 150	DN 150	DN 150
Dimensions, weight (electric heating)					
External dimensions H/W/D [mm]	1390/906/691	1390/906/814	1390/906/1039	1640/1200/949	1640/1200/1212
Weight [kg]	141	147	168	232	260
External finish					
Lid	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹
Front ²	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹
Sides	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹	Octo blue ¹
Rear	Galvanized	Galvanized	Galvanized	Galvanized	Galvanized

• = supplied as standard

** For other voltages please ask.

¹ Powder coated, ² Optional: stainless steel front, ³ Steam: HD = high pressure steam, Steam valve supplied as standard (except for textile cleaning machines).

Data quoted above is for a standard machine for the German market. For other countries data is available on request.

Rotary ironers

Residual moisture 15–25%

Model number	HM 16-83	HM 21-100	HM 21-140	HM 5316
Roller diameter [mm]	160	210	210	250
Roller length [mm]	830	1005	1395	1650
Aluminium heater plate	•	•	•	•
Roller padding: double pressed steel wool	•	•	•	•
Cover: polyester-needle felt/ARAMID needle felt cloth	•	•	•	•
Heating: Electric (EL)	EL	EL	EL	EL
Electrical connection (electric heating)*				
1 AC 220–240 V 50–60 Hz	•	–	–	–
3 N AC 380–415 V 50–60 Hz	–	•	–	–
3 N AC 380–415 V 50 Hz	–	–	•	•
Heater rating [kW]	3.0	4.4	6.5	11
Total connected load [kW]	3.06	4.55	6.9	11.9
Fuse rating [A]	1 x 16	3 x 16	3 x 16	3 x 20
Output				
Roller speed [m/min]	2–4.5	1.3–3.5	1.8–5.7	1.2–3.9
Roller speed [rpm]	4–9	2.0–5.3	2.7–8.6	1.5–5.0
20% residual moisture [up to kg/h]	15	–	–	–
15% residual moisture [up to kg/h]	–	23	–	–
25% residual moisture [up to kg/h]	–	14	27	47
Laundry return feed				
To the front	•	•	•	•
Dimensions, weight				
External dimensions H/W/D [mm]	960/1050/380	986/1280/415	1055/1644/670	1040/2160/590
Weight [kg]	38	77	117	216

• = supplied as standard, – = not available

Data quoted above is for a standard machine for the German market. For other countries data is available on request. *For other voltages please ask.

Rotary ironers

Residual moisture 25–50%

Model number	PM 1318	PM 1418	PM 1421
Roller diameter [mm]	300	365	365
Roller length [mm]	1750	1750	2040
Aluminium heater plate	•	•	•
Roller padding: double pressed steel wool	•	•	•
Leaf padding	Optional	Optional	Optional
Cover: polyester-needle felt/ARAMID needle felt cloth	•	•	•
Heating: Electric (EL), Gas (G)	EL / G	EL / G	EL / G
Electrical connection (electric heating)*			
3 N AC 380–415 V 50–60 Hz	•	•	•
Heater rating [kW]	17.6	21.4	22.9
Total connected load [kW]	18.4	22.2	23.7
Fuse rating [A]	3 x 35	3 x 50	3 x 50
Output (electric heating)			
Roller speed [m/min]	1.2–4.9	1.5–6.0	1.5–6.0
Roller speed [rpm]	1.3–5.2	1.3–5.2	1.3–5.2
25% residual moisture [up to kg/h]	75	90	96
50% residual moisture [up to kg/h]	45	54	57
Laundry return feed	Optional	Optional	Optional
Dimensions, weight (electric heating)			
External dimensions H/W/D [mm]	1318/2540/1150	1318/2540/1150	1318/2830/1150
Weight [kg]	386	398	441

• = supplied as standard

Data quoted above is for a standard machine for the German market. For other countries data is available on request. *For other voltages please ask.

Rotary ironers

Residual moisture 46–53%

Model number	MM 50-175	MM 50-205
Roller diameter [mm]	500	500
Roller length [mm]	1750	2040
Aluminium heater plate	•	•
Roller padding: double pressed steel wool	•	•
Leaf padding	Optional	Optional
Cover: polyester-needle felt/ARAMID needle felt cloth	•	•
Heating: Electric (EL)	EL	EL
Electrical connection (electric heating)*		
3 N AC 380–415 V 50 Hz	•	•
Heater rating [kW]	40	44.1
Total connected load [kW]	42	46
Fuse rating [A]	3 x 63	3 x 63
Output		
Roller speed [m/min]	1.4 – 8.5	1.4 – 8.5
Roller speed [rpm]	0.9 – 5.4	0.9 – 5.4
46% residual moisture [kg/h]	80	99
53% residual moisture [kg/h]	70	86
Laundry return feed		
To the rear	•	•
To the front with return feed module	Optional	Optional
Dimensions, weight (electric heating)		
External dimensions H/W/D [mm]	1150/2454/1747	1150/2741/1747
Weight [kg]	860	925

• = supplied as standard

* For other voltages please ask.

Data quoted above is for a standard machine for the German market.

For other countries data is available on request.

Output figures according to DIN 11 902

The output levels achieved in practice are on average 20-40% lower than the maximum output level. The actual output depends on the skill and experience of the operator, the type of laundry being handled, how it is pre-sorted, the condition of the rotary ironer and the standard of finish required.

Accessories



Coin box C 4060

- Mechanical counter (2/8/9)
- Programme operation
- H 258, W 175, D 155 mm



Mobile rail GS

- This rail enables shirts, overalls etc on hangers to be transported conveniently. It is made of steel and can be dismantled
- Frame octo blue lacquer, rail stainless steel
- 4 castors (Ø 50 mm)
- H 160/L 155 cm



Mobile unit TKF for transport baskets

- For transport basket TK
- Aluminium
- 2 castors and 2 fixed wheels
- H 45/W 47.5/D 73 cm



Transport basket TK

- Aluminium basket to fit mobile unit TKF, straight, perforated sides, stackable. Ergonomic handle recesses on short sides, hard wood runners to protect base of basket
- Capacity: 82 l
- H 28.8/W 45.6/D 72.3 cm



Trolley FG 40

- Galvanised
- Octo blue lacquered
- 4 castors
- H 29.2 cm loading height
- W 36, L 55 cm
- With HG handle (optional)

Trolley FG 85

- Galvanised
- Octo blue lacquered
- 4 castors
- H 29.2 cm loading height
- W 41, L 66 cm
- With HG handle (optional)



Laundry basket WW 40

- Solid-sided plastic basket
- 2 handles
- Capacity: 45 l
- Red
- H 28.5 cm incl. handles
- W 43/L 61 cm

Laundry basket WW 85

- Solid-sided plastic basket
- 2 handles
- Red
- Capacity: 85 l
- H 34.5 cm incl. handles
- W 54/L 80 cm



Laundry basket WK 40

- Plastic open-weave basket
- 2 handles
- Capacity: 45 l
- Red
- H 28.5 cm incl. handles
- W 43/L 61 cm

Laundry basket WK 85

- Plastic open-weave basket
- 2 handles
- Red
- Capacity: 85 l
- H 34.5 cm incl. handles
- W 54/L 80 cm



Special ironing table SBT

- Steel tube construction, non-slip feet, with water and heat resistant ironing surface
- 2 hanging rails
- Frame octo blue lacquer
- H 80/W 150/D 32 cm

Ironing board cover for SBT

- Molleton/nettle cloth cover with elastic and fastening cord

Accessories



Mobile laundry tub FBW

- Aluminium tub with height-adjustable base to make it easier to reach smaller quantities of laundry. Upper edge of frame reinforced with metal and coated in plastic.
- 2 castors and 2 fixed wheels
- Capacity: 380 l
- Load: up to 70 kg
- H 86/W 69.5/L 111.5 cm



Mobile laundry tub TW 01

- Aluminium tub with solid sides and base. The sides are reinforced for extra stability.
- 2 castors and 2 fixed wheels (Ø 125 mm)
- Capacity: 223 l
- H 74/W 59/L 74 cm



Sail cloth trolley SW

- Collapsible frame with 4 castors
- Removable, durable sail cloth laundry basket
- Frame octo blue lacquered
- H 85/W 80/L 70 cm



Mobile racking RW 02

- Steel tubing construction with 4 plastic-coated shelves
- 4 castors (Ø 75 mm)
- 7 vertical struts on the back of the unit prevent laundry falling down the back
- Frame octo blue lacquered
- H 160/W 120/L 50 cm



UO 5005

- Height 30 cm
- Galvanized, octo blue¹
- For PW 5065/6055/6065
- T 5135/36/7135/36

UO 5006

- Height 13 cm
- Galvanized, octo blue¹
- For W 6071/W 6073/ T 6185

UO 5007

- Height 30 cm
- Galvanized, octo blue¹
- For W 6073/T 6185

UO 5009

- Height 25 cm
- Galvanized, octo blue¹
- For WS 5080/5100

UO 5015

- Height 15 cm
- Galvanized, octo blue¹
- For WS 5140

UG 6010

- Height 15 cm
- Galvanized, octo blue¹
- For PW 6101

UG 6013

- Height 15 cm
- Galvanized, octo blue¹
- For PW 6131

UG 6016

- Height 15 cm
- Galvanized, octo blue¹
- For PW 6161

UG 6020

- Height 15 cm
- Galvanized, octo blue¹
- For PW 6201



UG 5005

- Height 30 cm
- External finish stainless steel
- For PW 5065/6055/6065
- T 5135/36/7135/36

UG 5006

- Height 13 cm
- External finish stainless steel
- For W 6071/W 6073/ T 6185

UG 5007

- Height 30 cm
- External finish stainless steel
- For W 6073/T 6185

UG 5009

- Height 25 cm
- External finish stainless steel
- For WS 5080/5100

UG 5015

- Height 25 cm
- Front stainless steel/ sides octo blue¹
- For WS 5140

UG 6010

- Height 15 cm
- Front stainless steel/ sides octo blue¹
- For PW 6101

UG 6013

- Height 15 cm
- Front stainless steel/ sides octo blue¹
- For PW 6131

UG 6016

- Height 15 cm
- Front stainless steel/ sides octo blue¹
- For PW 6161

UG 6020

- Height 15 cm
- Front stainless steel/ sides octo blue¹
- For PW 6201

¹ Powder coated

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