

Miele

Mop Star Washing Machines and
Systematic Solutions for Contract Cleaners

360
PRO

Miele Professional. Immer Besser.



NEW:
Mop Star 90 and 110
with 9–11 kg load capacity

Caring for Our Customers
With the Most Reliable and Sustainable Solutions.

Explore Our Solutions



Marketing Managers – ensure contents written text is consistent with Capitals for product names
Please pay attention to consistency of written word.

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This QR code is optional for the countries to include or not linking to their website and /or webshop directly.



More information for contract cleaners here:
www.miele.de/pro/mopstar

With Miele Professional, you are choosing reliable solutions that stand for quality and longevity.

As a family company now run by its fourth generation, Miele remains true to its responsibility to its products and processes, its employees and business partners and towards conserving our natural resources. This is reflected in the materials we choose as well as in the design and production of our machines. All of our customers benefit from innovations 'Made in Germany' which set standards throughout the industry as well as from award winning product design for ergonomics and functionality, all benefiting from low consumption and running costs.

You have the reassurance that Miele Professional develops the best and most inspiring solutions for our customers. Our guiding principle of 'Immer Besser' has been at our core for the last 125 years, and continues to be at the heart of what we do, ensuring reliability and quality for all of our solutions.

Markus Miele Reinhard Zinkann

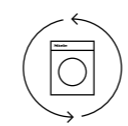
Dr. Markus Miele
Executive Director and Co-Proprietor
Miele Cie. KG

Dr. Reinhard Zinkann
Executive Director and Co-Proprietor
Miele Cie. KG

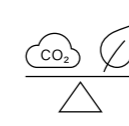


Our Pledges for the Planet

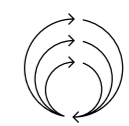
The race to save our only planet is ever-accelerating. Our commitment to evolve our ambitions is too. With these pledges, we intend to continue along the path we have already embarked on:



Make sustainability happen at every step
We continuously work towards making sustainability essential at every stage of our products' and services' life cycle – as well as in all of our value chains, and in the homes and businesses of our customers.



Make machines that won't leave a mark
Miele is dedicated to producing the best possible products and services with the least impact on the environment, with the ultimate aim to make them 100% carbon-neutral.



End waste by giving our machines new life
We are working towards creating a circular value chain with net-zero waste for all materials used in our machines to re-enter the loop at the end of their lifecycle.



Top-Class Performance for a Variety of Locations

That's why professional users opt for Miele Professional

Perfect results

Miele laundry machines feature powerful programmes to tackle a variety of textiles used in contract cleaning, e.g. for the reprocessing of mops and cleaning cloths. In Miele's unique honeycomb drum, all textiles are washed and dried gently.

Efficient working

Miele's proverbial quality stands for fast and smooth processes. With their high-quality, low-maintenance design, these laundry machines are the reliable workhorses in a commercial working environment, sporting for example simple controls, a delay-start function and a large drain valve for the fast reprocessing of all textiles.

Economic use of resources and improved economics

With low costs throughout a machine's entire life cycle (total cost of ownership), our long-lasting laundry machines are an investment from which you will reap ample rewards – and thanks to numerous innovations will help save valuable resources.

A reliable contact

The right response to all your questions: Our laundry machines are centre-piece in a holistic solution including carefully selected accessories and a wide range of advisory and after-sales services. With Miele Professional as a reliable partner, all professional challenges can be mastered efficiently.

The new DIN 13063:*

Well-prepared – with Mop Star washing machines

Meet the requirements of the new DIN 13063 on the reprocessing of cleaning textiles with washing machines for cleaning textiles. For the first time, this standard defines regulations covering the hygienic disinfection of surfaces in hospitals, outpatient surgeries, rehabilitation centres and other medical institutions.

Ready to use – washing and conditioning in one single step

Amongst other areas, the new DIN 13063 covers the disinfection process for textiles such as mops and cleaning cloths. Machine-based pre-conditioning facilitated by Mop Star washing machines from Miele featuring the innovative ready-to-use approach is specifically cited by these regulations as being a compliant process.

Safe disinfection

Furthermore, the new standard demands the use of validated wash processes as, for example, listed by the Association of Applied Hygiene (VAH) or the Robert Koch Institute (RKI). Prescribed parameters must be maintained at all times. These requirements are already met by the hygiene programmes and safety functions on Mop Star washing machines.

* DIN 13063: 2021-09
Hospital cleaning – Requirements for cleaning and disinfection cleaning in hospitals and other health care facilities



Expertise in Contract Cleaning

1. The quick way to optimum results

Simple and safe operation

Washing machines and tumble dryers from Miele Professional allow intuitive and error-free operation and are conducive to smooth and glitch-free working. Programmes and further functions are selected using a large touch display or rotary selector; all messages are presented in a clear and concise display in the language of choice.

Mop Star washing machines and dryers offer numerous special programmes for a broad range of textiles, e.g. for the disinfection and pre-conditioning of mops and cleaning cloths as well as for pads, curtains and floor mats. An additional margin of hygiene is provided by a programme which thoroughly sanitises the machine. Even workwear can be conveniently washed on site.

Benefits that pay off on a daily basis

- Numerous special programmes for contract cleaners, e.g. mops, cleaning cloths, pads, curtains, floor mats, etc.
- Comprehensive hygiene thanks to programme for machine sanitisation
- Efficient work planning with delay-start feature
- Intuitive operation with text display and ergonomically designed controls
- Excellent operational safety thanks to individually selectable user interface language (31 languages available)



M Touch Pro controls

- Convenient full-touch colour display
- Display with familiar symbols, 31 languages selectable
- Adapts flexibly to individual requirements



Profitronic M controls

- 6 direct-access pushbuttons plus jog shuttle
- Freely programmable controls with 199 programme slots
- Large range of programmes with application-specific wash cycles
- Display showing all information in local language
- Card reader



M Select control system

- Rotary selector
- Programme symbols on control panel
- Touch display with all information in local language (29 languages)



Expertise in Contract Cleaning

2. First-class cleanliness and fabric care

Miele honeycomb drum

Mops are given kid-glove treatment in Miele's honeycomb drum, ensuring gentle protection and preserving value. Precisely finished perforations in the drum rear panel feature carefully rounded edges. The risk of laddering and wear on textiles is reduced to a bare minimum compared with a conventional drum – even at high spin speeds.

Proven cleaning performance

Copious tests and field trials conducted by the independent wfk Cleaning Technology Institute confirm the high cleaning performance of the Miele honeycomb drum. Compared with a conventional drum with larger perforations, the Miele honeycomb drum showed no drawbacks in terms of the removal of soil. Thermal disinfection in Miele washing machines with a honeycomb drum was also evaluated in accordance with Robert Koch Institute (RKI) guidelines, and a sufficient deactivation of pathogens and safe hygiene has been confirmed by the wfk institute.



The ultimate in fabric care

The Miele honeycomb drum has smaller perforations compared with a conventional drum. This results in a far lower risk of laddering. Drum perforations are arranged in a honeycomb pattern patented by Miele. This guarantees top-class cleaning performance combined with the gentlest possible treatment of laundry.



Patented pre-spin

Wet and heavily soiled mops and cleaning cloths place great demands on the wash process. In the dewatering process developed and patented by Miele, the programme commences with a spin cycle. This removes soil, water from cleaning and chemical residues and prevents them from interfering with the wash process. This makes for excellent cleaning combined with the maximum protection of materials.



Expertise in Contract Cleaning

3. Perfectly calibrated technology

Cantilever heater elements

The heater elements in Mop Star washing machines from Miele Professional are designed in such a way as to allow water to circulate freely. Even fibrous particles such as hairs and fibres are removed by the passage of water before they even have a chance to cling to the heater elements. This also ensures the fast transfer of heat to the wash water.



Imbalance monitoring

Continuous monitoring during the entire spin cycle minimises the impact of load imbalances, even at higher spin speeds. This results in perfect spinning performance and uniform, repeatable residual moisture values. Furthermore, reduced mechanical strain extends the life expectancy of machines.



Model versions with drain valve

An unobstructed free-flow drain valve banishes clogged drain pipes. The valve has an optimised closing mechanism and an enlarged cross-section. What's more, the entire drain assembly comes without corners and sharp bends. This reliably prevents blockages caused by coarse soil, hairs, fibres and deposits.



Model versions Mop Star 60, Mop Star 80 and Mop Star 110 with drain pump

These washing machine versions feature a drain pump in place of the standard drain valve. Hence they can be installed on sites where the installation of a floor drain is not an option.

A special feature of this drain pump is the high-efficiency fine filter it incorporates. Regular cleaning of the filter is particularly simple thanks to its well thought-out design.



Expertise in Contract Cleaning

4. READY TO USE – Cleaning, reprocessing and impregnation in a single cycle

Things couldn't be simpler or more convenient: With the processes developed by Miele Professional for the automatic reprocessing of mops and cleaning cloths, washing and conditioning with detergent or disinfectant takes place in a single cycle. The residual moisture value is easy to set via the programme controls.

Automatic immersion ensures precise and uniform dispensing and does away with the need to manually mix detergent and disinfectant solutions. The need to wring out items by hand has now been banished — mops and cleaning cloths are ready for re-use on removal from the machine. The ready-to-use approach results in significant savings, not only with respect to water and chemicals but also to valuable working time. Cleaning performance also increases as residual moisture levels can be set precisely to suit individual needs.

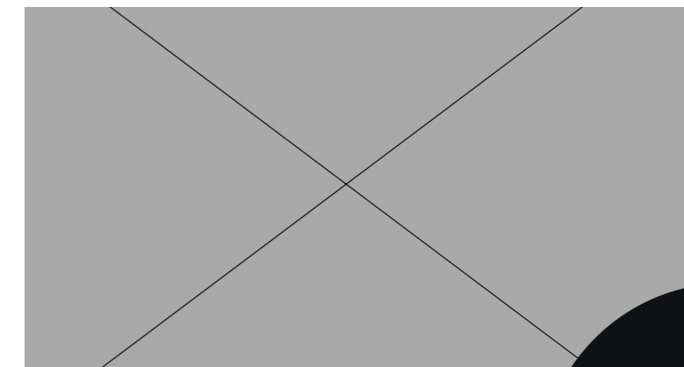


Many individual steps but only one cycle

At the outset of a programme cycle, cleaning textiles are first dewatered in order to remove coarse soil and dirty water.

In the following washing and disinfection phase, thorough wetting of the load is achieved - an intensive interim rinse reliably removes detergent residue. Finally, the spin cycle perfectly prepares cleaning textiles for the last stage of the process.

In the closing stage, cleaning textiles are steeped in the requisite floor cleaning or surface disinfection agent.



The mops and cleaning cloths come out ready to use and can be deployed immediately or stored unfolded on the cleaning trolley. When folded twice before use, cleaning cloths offer a total of 8 surfaces for hygienic surface cleaning.

New
DIN 13063:*
Requirements for
cleaning and
disinfection cleaning
in hospitals

* DIN 13063: 2021-09
Hospital cleaning - Requirements for cleaning and disinfection
cleaning in hospitals and other health care facilities



Expertise in Contract Cleaning

5. Cost-efficiency

Cost-efficiency in contract cleaning is not only a question of selecting the right machine, it is also a question of accessories. Alongside powerful washing machines, Miele Professional offers a perfectly matching portfolio of features and accessories to meet commercial needs, including plinths with and without a fluff filter box, automatic liquid dispensing and a communication box to network with external systems. This allows you to get on with your work ergonomically, even when under duress.

Automatic liquid dispensing

Up to 12 hoses can be conveniently connected to the machine at the rear for the simple, precise and economic dispensing of liquid products. Dispensing channels are kept separate through to the mixer inside the machine in order to prevent any unwanted contact between individual substances. An empty canister results immediately in a message appearing in the display.

+ PROHygiene



ProHygiene for peace of mind

Miele's ProHygiene test supports contract cleaners in meeting the demands of their clients. This test is performed by specially trained Miele employees and involves thermo-electrical and micro-biological tests. The test certificate issued documents that all necessary temperature parameters were met in the wash cycle and that a level of bactericidal effectiveness was achieved.



Lint filter box

Particularly in reprocessing mops and other cleaning textiles with long threads, fluff and lint presents a major challenge. Inside the machine, an accumulation of soil is prevented by such features as cantilever heater elements. A lint filter box captures lint from the water discharged from the machine, effectively preventing blockages in on-site pipework.



Mop Star Washing Machines

The specialists for all applications in contract cleaning

High demands are not only placed by contract cleaners on thorough cleaning and safe hygiene but also on an economic and cost-efficient process – that is why Miele Professional developed Mop Star washing machines to rise to the challenges of modern facility management. With design details tailored to typical fabrics and soils, these special-purpose machines excel in terms of perfect results, first-class reliability and superb efficiency in the rough and tumble of workaday life.

- Washing machines, dryers and accessories – Systematic solutions based on machines with load capacities of 6 to 32 kg
- High capacity for mops and cloths as well as bulky floor mats
- Perfect textile care in Miele's patented honeycomb drum
- Intuitive controls with selectable display language
- Short cycles for fast turnaround of cleaning textiles
- Washing, reprocessing and pre-conditioning of cleaning cloths in a single cycle
- Delay-start feature ensures ready-to-use mops at the start of a working day
- Large-diameter drain valve protects reliably against clogging
- Thermal and chemo-thermal disinfection programmes according to RKI and VAH guidelines
- A broad range of accessories, e.g. automatic liquid dispensing, operating data capture, etc.

Mop Star 60 / Mop Star 80 Washing Machines

6–8 kg load capacity / M Select Mop controls



Washing machine	PWM 506 Mop Star 60	PWM 508 Mop Star 80
Programme controls	M Select	M Select
Load capacity [kg]	6	8
Drum volume [l]	57	73
Max. spin speed [rpm]	1,400	1,400
g-factor/Residual moisture* [%]	535/20	535/20
Cycle time ** [mins.]	57	57
Heating type	EL	EL
Drainage	Drain valve [DN 70] or Drain pump [DN 22]	Drain valve [DN 70] or Drain pump [DN 22]
Front colour	Lotus white	Lotus white
External dimensions H/W/D [mm]	850/596/714	850/596/714

EL = Electric, DP = Drain pump, DV = Drain valve
* Precise values depend on materials in practice, ** Cycle time in 'Mop Standard 60°C' programme with cold water connection

M Select Mop controls

- Rotary selector
- Programme symbols on control panel
- Touch display with all information in local language, 29 languages
- Numerous special programmes as standard, e.g. for cloths and mops
- Special disinfection programmes, including programmes listed by RKI and VAH, ensure reliable hygiene

Highlights

- Exclusive to Miele: Gentle and thorough fabric care with new patented honeycomb drum
- Exclusive to Miele: Patented pre-spin cycle removes coarse soiling before the start of a wash cycle
- Optimum ready-to-use mops and cleaning cloths in just one composite programme cycle
- Unobstructed drainage thanks to optimised design
- Installation as space-saving washer-dryer stack possible
- Simple and convenient installation, irrespective of on-site conditions
- Model versions with drain valve or drain pump available
- Pump protected by highly effective, easy-to-clean fine filter
- Recommendation: Models with drain valve as these are ideal for dealing with coarse soil

Optional accessories

- Flexible dispensing adapter for mechanical connection to dispensing systems
- Dispenser pump for the automatic dispensing of liquid detergents
- XCI Box LG control unit for customised connectivity and connection of dispenser pumps
- Plinths for ergonomic loading and unloading
- Lint filter box made from stainless steel to remove lint and coarser particles from wash liquor
- Special plinth for machine installation without anchoring to floor

Mop Star 90 / 110 Washing Machines

9–11 kg load capacity / M Touch Pro

NEW:
Mop Star washing machines with 9–11 kg load capacity and M Touch Pro controls



Washing machine	PWM 509 Mop Star 90	PWM 511 Mop Star 110
Programme controls	M Touch Pro	M Touch Pro
Load capacity [kg]	9	11
Drum volume [l]	80	100
Max. spin speed [rpm]	1,200	1,100
g-factor/Residual moisture* [%]	440/<25	370/<25
Cycle time ** [mins.]	54	54
Heating type	EL	EL
Drain valve (AV) DN 70 or Drain pump DN 22	◆	◆
Front colour	Iron grey	Iron grey
External dimensions H/W/D [mm]	1,020/700/727	1,020/700/827

EL = Electric, DV = Drain valve
* Precise residual moisture dependent on mop, ** Cycle time in Mop Standard 60°C programme, cold water connection

M Touch Pro controls

- High-level user convenience through full-touch colour display
- Simple and intuitive operation at the touch of a fingertip or by swiping
- All information as plain text, 31 languages
- Various operating modes to meet individual client needs

Highlights

- Exclusive to Miele: Gentle and thorough fabric care with honeycomb drum
- Exclusive to Miele: Patented liquid dispensing adapter dispenses liquid products directly into detergent dispenser
- Exclusive to Miele: Patented pre-spin cycle removes coarse soiling before the start of a wash cycle
- Optimum ready-to-use mops and cleaning cloths in just one composite programme cycle

Optional accessories

- Dispenser pump for the automatic dispensing of liquid detergents
- Plinths for ergonomic loading and unloading
- Lint filter box made from stainless steel to remove lint and coarser particles from wash liquor
- Special plinth for machine installation without anchoring to floor

Mop Star 140 / 200 Washing Machines

14–20 kg load capacity / M Touch Pro



Washing machine	PWM 514 Mop Star 140	PWM 520 Mop Star 200
Programme controls	M Touch Pro	M Touch Pro
Load capacity 1:9 [kg]	14	20
Drum volume [l]	130	180
Max. spin speed [rpm]	1025	950
g-factor/Residual moisture* [%]	360/<25	360/<25
Cycle time ** [mins.]	58	61
Heating type	EL	EL
Drainage	Drain valve [DN 70]	Drain valve [DN 70]
Front colour	Iron grey	Iron grey
External dimensions H/W/D [mm]	1,352/799/1,010	1,452/924/950

EL = Electric, DV = Drain valve
* Precise residual moisture dependent on mop, ** Cycle time in Mop Standard 60°C programme, cold water connection

M Touch Pro controls

- Convenient full-touch colour display
- Display with all information in local language, 31 languages
- Numerous special programmes as standard, e.g. for cloths and mops
- Special disinfection programmes, including programmes listed by RKI and VAH, for reliable hygiene.

Highlights

- Simple door closure with OneFingerTouch
- Efficient use of resources thanks to modified design of outer drum
- Extremely smooth running, even at high spin speeds, thanks to efficient suspension system
- Exclusive to Miele: Optimum laundry care and cleaning thanks to patented honeycomb drum 2.0 with redesigned shower ribs
- Exclusive to Miele: Patented pre-spin cycle removes coarse soiling before the start of a wash cycle
- Optimum ready-to-use mops and cleaning cloths in just one composite programme cycle.

Optional accessories

- Dispenser pump for the automatic dispensing of liquid detergents
- Plinths for ergonomic loading and unloading
- Lint filter box made from stainless steel to remove lint and coarser particles from wash liquor
- Connector Box control unit for customised connectivity and connection of dispenser pumps
- Special plinth for machine installation without anchoring to floor (PWM 514 only)



Wash Programmes

Description	PWM 506 Mop Star 60	PWM 508 Mop Star 80
Controls	M Select	M Select
Basic programmes		
Mops	◆	◆
Mops Plus	◆	◆
Mop TD	◆	◆
Mop CTD	◆	◆
Mops intensive		
Cleaning cloths	◆	◆
Cloths Plus	◆	◆
Cloths TD	◆	◆
Cloths CTD	◆	◆
Pads	◆	◆
Further standard programmes		
New mops	◆	◆
Curtains	◆	◆
Separate rinse	◆	◆
Drain/Spin	◆	◆
Maintenance wash	◆	◆
Pre-treat mops ◆		
Mop TD + RTU	◆	◆
Mop Plus + RTU	◆	◆
Mop TD + RTU	◆	◆
Mop CTD + RTU	◆	◆
Mops RTU	◆	◆
Pre-treat cloths ◆		
Cloths + RTU	◆	◆
Cloths Plus + RTU	◆	◆
Cloths TD + RTU	◆	◆
Cloths CTD + RTU	◆	◆
Cloths RTU	◆	◆
Ready To Use ◆◆◆		
Mop + RTU	◆	◆
Mops RTU	◆	◆
Workwear/Special		
Oil/fat Special	◆	◆
Dust/flour Special	◆	◆
Intensive wash	◆	◆
Mats programme		
Basic programmes		
Whites	◆	◆
Coloured items	◆	◆
Minimum iron	◆	◆
Express / Mini	◆	◆
Lightweight curtains	◆	◆
Cottons PRO	◆	◆

TD = Thermal disinfection
CTD = Chemo-thermal disinfection
RTU = Ready To Use

Description	PWM 509 Mop Star 90 PWM 511 Mop Star 110 PWM 514 Mop Star 140 PWM 520 Mop Star 200
Controls	M Touch Pro
Basic programmes	
Whites	
Coloured items	◆
Cottons intensive	
Separate rinse	
Spin	◆
Drainage	◆
Starch	◆
Maintenance wash	◆
Bedding/curtains	
Curtains	◆
Lightweight curtains	
Contract cleaners ◆◆◆	
Mops standard*	◆
Mop Standard + RTU	◆
Mop TD	◆
Mop TD + RTU	◆
Mop CTD 10 mins.	◆
Mop CTD 20 mins.	◆
Mop CTD 10 mins. + RTU	◆
Mop CTD 20 mins. + RTU	◆
Mops RTU	◆
New mops	◆
Mats	◆
Heavily soiled mats	
Pads	◆
Cloths standard	◆
Cloths standard + RTU	◆
Cloths TD	◆
Cloths TD + RTU	◆
Cloths 10 mins.	◆
Cloths 20 mins.	◆
Cloths 10 mins. + RTU	◆
Cloths 20 mins. + RTU	◆
Cloths RTU	◆

TD = Thermal disinfection
CTD = Chemo-thermal disinfection
RTU = Ready To Use

Mop Star Load Capacities

Description	PWM 506 Mop Star 60	PWM 508 Mop Star 80	PWM 509 Mop Star 90	PWM 511 Mop Star 110	PWM 514 Mop Star 140	PWM 520 Mop Star 200
Controls	M Select Mop	M Select Mop	M Touch Pro	M Touch Pro	M Touch Pro	M Touch Pro
Drum volume [l]	57	73	80	100	130	180
Load capacity [kg]	6	8	9	11	14	20

Load capacity / Items						
Cotton mops 190 g / 40 cm	31	42	47	58	74	105
Cotton mops 220 g / 50 cm	27	36	41	50	64	91
Cotton mops 360 g / 80 cm	17	22	25	31	39	56

Microfibre mops 120 cm / 40 g	50	66	75	92	117	167
Microfibre mops 170 cm / 50 g	35	47	53	65	82	118
Microfibre mops 250 cm / 75 g	24	32	36	44	56	80

Ultra microfibre cloth 16 g	188	250	290	350	440	625
Ultra microfibre cloth 22 g	136	182	210	255	320	455
Soft microfibre cloth 43 g	70	93	105	130	165	235

Note: A reduced load capacity may apply to particularly high-volume, light-weight cleaning cloths.

Profitronic M Load Capacities

Description	PW 6241	PW 6321	PW 6163	PW 6243	PW 6323
Controls	Profitronic M	Profitronic M	Profitronic M	Profitronic M	Profitronic M
Drum volume [l]	240	320	160	240	320
Load capacity [kg]	24	32	16	24	32

Load capacity / Items					
Cotton mops 190 g / 40 cm	126	168	84	126	168
Cotton mops 220 g / 50 cm	109	145	73	109	145
Cotton mops 360 g / 80 cm	67	90	44	67	90

Microfibre mops 120 cm / 40 g	200	267	133	200	267
Microfibre mops 170 cm / 50 g	141	188	94	141	188
Microfibre mops 250 cm / 75 g	96	128	64	96	128

Ultra microfibre cloth 16 g	750	1000	500	750	1000
Ultra microfibre cloth 22 g	545	725	365	545	725
Soft microfibre cloth 43 g	280	370	185	280	370

Note: A reduced load capacity may apply to particularly high-volume, light-weight cleaning cloths.



A Systematic Approach for the Highest of Hygiene Standards

Profitronic M washing machines
16–32 kg load capacity

Contract cleaners can count on Miele Professional when faced with having to clean huge mountains of mops and cleaning cloths. In addition to Mop Star washing machines with load capacities of 6 to 20 kg, users can also select from a range of further washing machines with load capacities up to 32 kg (320 l drum volume). Alongside specific programmes for contract cleaners, the freely programmable controls allow the customisation of further programmes.

In areas requiring increased hygiene, for example hospitals and nursing homes, Miele two-door barrier machines separate unclean and clean operations, thereby ensuring safe and repeatable results. Miele barrier models are available with load capacities of 16, 24 and 32 kg.

Profitronic M Washing Machines

Load capacity 24–32 kg / Profitronic M



Washing machine	PW 6241	PW 6321
Programme controls	Profitronic M	Profitronic M
Load capacity [kg]	24	32
Drum volume [l]	240	320
Max. spin speed [rpm]	1,100	1,000
g-factor/Residual moisture* [%]	542/43	448/47
Cycle time ** [mins.]	49	49
Heating options: Electric, reduced electric/hot water, without heating, steam***	◆	◆
Drainage	AV [DN 70]	AV [DN 70]
Front material	Stainless steel	Stainless steel
External dimensions H/W/D [mm]	1,640/1,265	1,640/1,085/1,272

EL = Electric, G = Gas, D ind. = Indirect steam, D dir. = Direct steam, AV = Drain valve
 * Residual moisture after hot final rinse, ** Cycle time in 'Cottons 60°C, hot water fill, *** Steam valve not standard

Characters

- ◆ Standard

Profitronic M controls

- 6 direct-access pushbuttons plus jog shuttle
- Freely programmable controls with 199 programme slots
- Broad range of programmes, many geared to specific applications
- Display with all information in local language, 11 languages
- Card reader
- Special disinfection programmes, including programmes listed by RKI and VAH, ensure reliable hygiene

Highlights

- Exclusive to Miele: Gentle and thorough fabric care with honeycomb drum
- Very low residual moisture levels on account of high g-factor
- High reprocessing throughput thanks to very short cycles
- Load-specific consumption through automatic weighing system

Optional accessories

- Dispenser pump for the automatic dispensing of liquid detergents
- Water recovery module
- Operating data acquisition

Profitronic M Barrier Washing Machines

Load capacity 16–32 kg / Profitronic M



Washing machine	PW 6163	PW 6243	PW 6323
Programme controls	Profitronic M	Profitronic M	Profitronic M
Load capacity [kg]	16	24	32
Drum volume [l]	160	240	320
Max. spin speed [rpm]	1,025	975	975
g-factor/Residual moisture* [%]	400/46	360/41	360/41
Cycle time ** [mins.]	55	53	61
Heating types	EL/ D ind./EL-D dir.	EL/ D ind./EL-D dir.	EL/ D ind./EL-D dir.
Drainage	DV	AV [DN 70]	AV [DN 70]
Sides and lid in iron grey (stove-finished)	◆	◆	◆
Front on unclean/clean sides in iron grey	◆	◆	◆
Front on unclean/clean side in stainless steel	◇	◇	◇
External dimensions H/W/D [mm]	1,705/1,110/890	1,705/1,337/890	1,705/1,558/890

EL = Electric, D ind. = Indirect steam, EL-D dir. = convertible from electric to direct steam, DV = Drain valve,
 * Residual moisture after hot final rinse, ** Cycle time in 'Cottons 60°C, hot water fill

Characters

- ◆ Standard
- ◇ Optional

Profitronic M controls

- 6 direct-access pushbuttons plus jog shuttle
- Freely programmable controls with 199 programme slots
- Broad range of programmes, many geared to specific applications
- Display with all information in local language, 11 languages
- Card reader
- Special disinfection programmes, including programmes listed by RKI and VAH, ensure reliable hygiene.

Highlights

- Two-door barrier model for installation in diaphragm wall between two rooms
- Drum auto-positioning and locking at end of wash process
- Gentle and thorough fabric care with honeycomb drum
- Very low residual moisture levels on account of high g-factor
- High daily throughput through very short cycles
- Load-specific consumption through automatic weighing system

Optional accessories

- Dispenser pump for the automatic dispensing of liquid detergents
- Plinths for ergonomic loading and unloading
- Water recovery module
- Operating data acquisition



A Systematic Approach to Precise and Efficient Drying

Dryers with load capacities of up to 40 kg

If mops or cleaning cloths are to be stored for a prolonged period of time, for instance during longer breaks in work, they must first be completely dry before being put into storage in order to prevent bacterial growth. With their specific programmes for contract cleaners, the high-performance and energy-efficient dryers from Miele are the products of choice.

Tumble dryers with heat-pump technology

Offering energy savings of up to 60%, heat-pump dryers from Miele set completely new standards in efficiency. This technology allows the installation of dryers without the need for complicated and expensive vent ducting.

Miele SlimLine tumble dryers

With their highly compact dimensions and a width of only 711 mm, these dryers fit through standard doors and offer optimum performance on the smallest of footprints.

Little Giants PERFORMANCE Dryers

8 kg load capacity / M Select controls



PERFORMANCE

Dryers	PDR 508 HP	PDR 508 EL
Programme controls	M Select	M Select
Drying system	Heat pump**	Vented
Load capacity [kg]	8	8
Drum volume [l]	130	130
Cycle time - Cottons* [mins.]	67	37
Cycle time - Mixed fabrics* [mins.]	57	32
Heating type	EL	EL
Heater rating [kW]	–	6.14
Vented	–	DN 100
Front material/colour	Stainless steel or lotus white	Stainless steel or lotus white
External dimensions H/W/D [mm]	850/595/777	850/596/717

EL = Electric, HP = Heat pump, * Cycle time in Normal Dry programme, ** Contains FCs, hermetically sealed; Coolant R134a, Coolant quantity 1.35 kg, ODP of coolant: 1430 kg CO₂ e, ODP of machine: 1,930 kg CO₂ e,

M Select control system

- Rotary selector
- Programme symbols on control panel
- Touch display with all information in local language, 29 languages
- Numerous special programmes, e.g. for workwear

Highlights

- Exclusive to Miele: Gentle and uniform drying with new patented honeycomb drum
- Spot-on drying results thanks to patented PerfectDry system
- Time savings and convenience thanks to large-surface lint filter
- High efficiency through maintenance-free, energy-saving drive motor
- Installation as space-saving washer-dryer stack possible

Highlights: Heat-pump dryers

- Flexible installation without the need for vent ducting
- Energy efficiency class A++: Up to 60% energy savings compared with a conventional condenser dryer

Optional accessories

- Plinths for ergonomic loading and unloading

SlimLine ROP / TOP Dryers

11–16 kg load capacity / M Select controls



Dryers	PDR 516 SL ROP/TOP	PRD 511 SL ROP HP
Programme controls	M Select	M Select
Drying system	Vented, residual moisture controls on ROP only	Electronic residual moisture sensing
Load capacity [kg]	16	11
Drum volume [l]	300	200
Cycle time* [mins.] EL/G	31/27	59
Heating types	EL/G	Heat-pump*
Heater rating EL/G [kW]	13.5/18	3.0/–
Air intake/vent/Condensate drain [DN]	161/150/–	–/–/32
Front colour	Iron grey	Iron grey
External dimensions H/W/D [mm]	1,800/711/1,089	1,800/711/1,075

EL = Electric, G = Gas, * Cycle time in Cotton/Normal dry and decrease in residual moisture from 50% or 48% (depending on model) to 0% (at lowest recommended load ratio), * contains greenhouse gases, hermetically sealed; Coolant type R134a, Coolant quantity 1.35 kg, ODP of coolant: 1430 kg CO₂ e, ODP of machine: 1930 kg CO₂ e

M Select control system

- Rotary selector for simple programme selection
- Programme symbols on control panel
- Touch display with all information in local language,
- 29 languages

Highlights

- The slim design, just 711 mm wide, fits in the smallest of spaces

Highlights: Heat-pump dryers

- Flexible installation without the need for vent ducting
- Up to 50% energy savings compared with a standard SlimLine dryer

The Benchmark Machines PERFORMANCE Dryers

14–44 kg load capacity / M Select ROP controls



Fig.: PDR 510 / 514 / 518 / 522

Fig.: PDR 528 / 544

PERFORMANCE

Dryers	PDR 514	PDR 518	PDR 522
Programme controls	M Select ROP	M Select ROP	M Select ROP
Drying system	Vented	Vented	Vented
Load capacity 1:25/1:18 [kg]	10/14	13/18	16/22
Drum volume [l]	250	325	400
Cycle time* [mins.]	24	24	24
Heating type	EL, G	EL, G, HW, SI	EL, G, HW, SI
Air intake/vent [DN]	161/150	161/150	161/150
Front colour / material	Iron grey or stainless steel	Iron grey or stainless steel	Iron grey or stainless steel
External dimensions H/W/D [mm]	1,400/906/852	1,400/906/1,035	1,400/906/1,162

Dryers	PDR 528	PDR 544
Programme controls	M Select ROP	M Select ROP
Drying system	Vented	Vented
Load capacity 1:25/1:18 [kg]	20/28	32/44
Drum volume [l]	500	800
Cycle time* [mins.]	29	29
Heating type	EL, G, HW, SI	EL, G, HW, SI
Air intake/Vent	161/150	161/150
Front colour / material	Iron grey or stainless steel	Iron grey or stainless steel
External dimensions H/W/D [mm]	1,640/1,206/1,019	1,640/1,206/1,368

EL = Electric, G = Gas, HW = Hot water, SI = Steam indirect, HP = Heat pump with electric heating, * Cycle time in Normal Dry programme, ** Contains FCs, hermetically sealed; Coolant R134a, Coolant quantity 1.35 kg, ODP of coolant: 1430 kg CO₂ e, ODP of machine: 1,930 kg CO₂ e

M Select ROP controls

- Simple operation via rotary selector and touch controls
- Symbols on fascia for international use
- Residual moisture controlled (ROP)

Highlights

- Exclusive to Miele: Gentle and uniform drying with new patented honeycomb drum
- Exclusive to Miele: Spot-on drying results thanks to PerfectDry system
- Exclusive to Miele: Low energy consumption thanks to patented AirRecycling

The Benchmark Machines PERFORMANCE PLUS Dryers

14–44 kg load capacity / M Touch Pro



Fig.: PDR 914 / 918 / 922

Fig.: PDR 928 / 944

PERFORMANCE PLUS

Dryers	PDR 914/914 HP	PDR 918/918 HP	PDR 922 HP
Programme controls	M Touch Pro	M Touch Pro	M Touch Pro
Drying system optional	Vented / Heat pump**	Vented / Heat pump**	Vented / Heat pump**
Load capacity 1:25/1:18 [kg]	10/14	13/18	16/22
Drum volume [l]	250	325	400
Cycle time* [mins.]	24	24	24
Heating type	EL, G	EL, G, HW, SI	EL, G, HW, SI
Air intake/vent [DN]	161/150	161/150	161/150
Front material/colour	Stainless steel or iron grey	Stainless steel or iron grey	Stainless steel or iron grey
External dimensions H/W/D (HP) [mm]	1400/906/852/1232 (incl. HP module)	1400/906/1035/1401 (incl. HP module)	1,400/906/1,162/1,550 (incl. HP module)

Dryers	PDR 928	PDR 944
Programme controls	M Touch Pro	M Touch Pro
Drying system	Vented	Vented
Load capacity 1:25/1:18 [kg]	20/28	32/44
Drum volume [l]	500	800
Cycle time* [mins.]	24	29
Heating type	EL, G, HW, SI	EL, G, HW, SI
Air intake/vent [DN]	161/150	161/150
Front material/colour	Stainless steel or iron grey	Stainless steel or iron grey
External dimensions H/W/D [mm]	1,640/1,206/1,019	1,640/1,206/1,368

EL = Electric, G = Gas, HW = Hot water, SI = Steam indirect, HP = Heat pump with electric heating, * Cycle time in Normal Dry programme, ** Contains FCs, hermetically sealed; Coolant R134a, Coolant quantity 1.35 kg, ODP of coolant: 1430 kg CO₂ e, ODP of machine: 1,930 kg CO₂ e

M Touch Pro controls

- Convenient full-touch colour display
- Display with all information in local language, 31 languages
- Various operating modes to meet individual requirements
- Programmes individually adaptable

Highlights

- Exclusive to Miele: Gentle and uniform drying with new patented honeycomb drum
- Exclusive to Miele: Spot-on drying results thanks to PerfectDry system
- Exclusive to Miele: Low energy consumption and fast drying, in particular of bulky textiles, thanks to patented AirRecycling Plus or AirRecycling Flex

Highlight: Heat pump (HP)

- Flexible installation without the need for vent ducting
- Up to 60% energy cost savings compared with a conventional Miele vented dryer
- Exclusive to Miele: Automatic cleaning of heat exchanger thanks to patented StreamClean process



Professional Service for Reliable Results

Miele PROtect combines comprehensive services, maximum cost control and the easy availability of spare parts. Our specially trained technicians perform and document service work according to Miele standards and templates and in full compliance with legal requirements. This guarantees process security and preserves the value of your machines in the long term. We provide transparent advice specific to your industry, coordinate appointments and guarantee the availability of suitable spare parts – even 15 years after machine production ceases. Our comprehensive service network protects your machines and your business, giving you total peace of mind.

PROtect



Service

After-sales service, pre-sales advice, installation, commissioning, maintenance, repairs, spare parts

Inspect

Comprehensive inspection with reasonable recommendations

During an expert inspection (Inspect), we examine relevant wearing parts, identify possible faults and explain the necessary remedial measures. Our goal is to ensure the proper functioning of your machine, to enable accurate future planning and to preserve the value of your investments in the long term.

Maintain

Maintenance service to secure machine uptime

Maintain also covers the maintenance of your machine in line with a detailed model-specific Miele checklist. We comply with all valid regulations and document the results of maintenance work. This service solution ensures machine uptime and consistent professional cleaning results. In addition, we also provide you with a no-obligation offer covering further repair work.

Prevent

Preventative service including wearing parts

Our Prevent service solution additionally covers the costs of procuring and fitting pre-defined wearing parts. This far-sighted approach ensures excellent machine uptime and increases productivity. This solution affords good forward visibility and ensures optimum performance in the long term.

Complete

Peace-of-mind protection at fixed price

Complete is Miele's peace-of-mind solution. Pre-defined wearing parts are replaced pre-emptively, and the cost of spare parts and labour for all service and repair work is included. We examine and optimise your machine, remedy faults and provide expert assistance with your machine.



Delivery and site access (optional)

Machine is delivered and, subject to agreement, transported to place of use.



Installation

Machine is installed and levelled, and connected to all supplies (according to installation plan).



Commissioning

Machine is thoroughly checked and handed over to client in full working order, including providing instructions on use to staff.



Further services

Service according to requirements, at pre-defined intervals.

Miele

Miele & Cie. KG, Gütersloh
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