

## A new generation of flatwork ironers PM 16 and PM 18

Setting standards in laundry finish and efficiency



# The new high-performance flatwork ironers

## Convincing performance, laundry finish and operation



Endowed with innovative product features and built using high-quality components, the new high-performance flatwork ironers from Miele Professional set new standards in terms of performance, laundry finish and operability – making for ideal working conditions in both OPLs and contract laundries.

### **Forever better**

Miele is the epitome of quality. For more than 111 years, Miele has subscribed to a corporate philosophy of being 'forever better'. A quality promise that stands for perfect systematic solutions in laundry care. All Miele products are designed and manufactured to exacting quality standards. Miele's new high-performance flatwork ironers are a prime example of the consistent use of innovative technology and clearly underline Miele's role as technology leader.

### **Setting new standards in OPLs and contract laundries**

Meeting the highest of demands regarding laundry finish combined with high throughput requires on the one hand a well-rehearsed team and, on the other, a machine that both performs to perfection and is simple to use. With their perfectly matching high-quality components, the new high-performance flatwork ironers from the PM 16 and PM 18 generation from Miele Professional offer the wherewithal to produce unbeatable results.

### Highest performance

The new high-performance flatwork ironers are available in various sizes and with a variety of heating systems:

- Roller length: 2.10 m to 3.50 m
- Roller diameter: 60 or 80 cm
- Heating: Gas, electric or steam

With a roller speed of up to 16 m per minute, it is possible to cope with around 1.6 tonnes\* of laundry in a single shift. This allows huge mountains of laundry to be processed in the shortest of times. And a special heat-retaining cover ensures that no energy is wasted, reducing costs and protecting the roller and the trough against any ingress of dirt and dust.

\*Throughput is dependent on the net roller length and the roller diameter.

### Perfect laundry finish

Perfectly laundered flatwork makes for good first impressions and raises the reputation of a laundry. With their high and uniform contact pressure in combination with a solid, rugged trough and a large contact angle, the new high-performance flatwork ironers are veritable powerhouses ensuring a perfect laundry finish.

Honeycomb perforations allow room air to cool textiles on the patented EasyFold outfeed table, nicely fixing the laundry finish in place.

### Perfect, simple operation

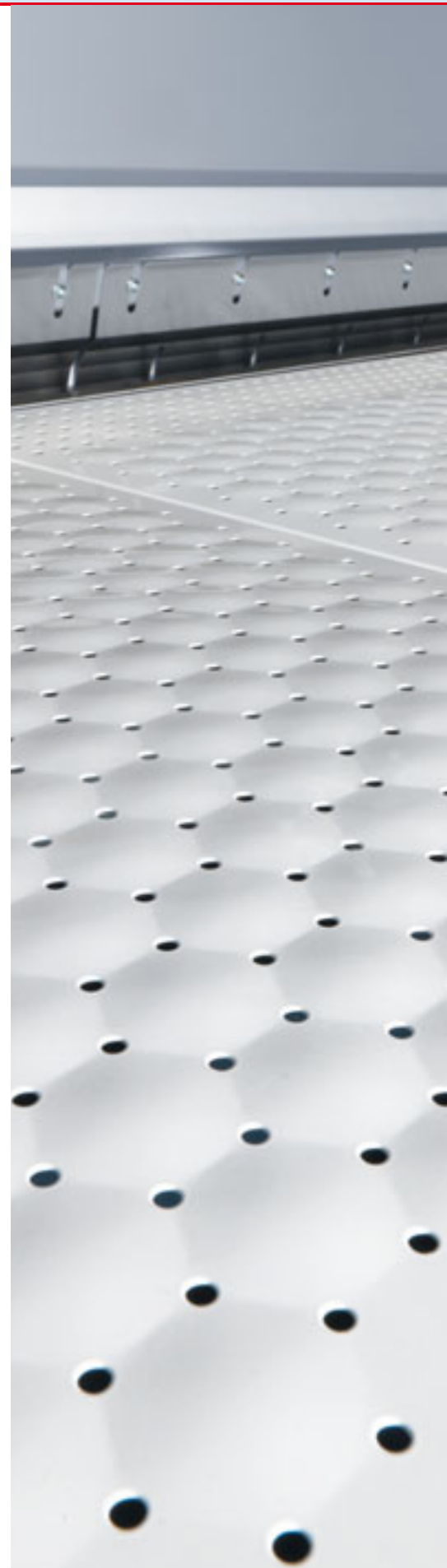
In terms of operability, the new ironers support optimum working patterns thanks to ergonomic operation and flexible controls with a large touch screen.

As different types of laundry and varying residual moisture levels require their own specific parameters, operators can choose from standard programmes or simply compile and save their own to suit the needs of particular textiles or clients. And, to simplify work even further, these settings can be called up at any time with ease.

### The benefits

- High throughput
- Superb laundry finish
- Highest quality
- Textile- and customer-specific programmes
- Ergonomic working conditions
- Simple operation

Illustration shows  
EasyFold outfeed table with  
patented Miele honeycomb pattern



# Wide range of features

## Glossary

### Features

A whole host of product features from the Miele portfolio ensure excellent ergonomics and productivity, a superb laundry finish, workplace safety and cost-effectiveness:

### Standard features

Feature	User benefit
Round spring padding	Durable, supple and long-lasting roller padding with good spring action to compensate for variations in the thickness of flatwork.
Polyester needle felt	Good no-jerk traction.
Infeed table with belt feed	Simple introduction of textiles.
FlexControl footswitch	Helps ensure that items are smooth when fed in. Belts and roller stop immediately when the footswitch is operated. The footswitch can be relocated for greatest convenience.
EasyFold outfeed table	Miele patented outfeed table with honeycomb relief design: Honeycomb perforations allow room air to cool textiles while still on the outfeed table. The gentle current of air fixes the laundry finish in place.
Finger guard	The finger guard is activated immediately whenever fingers get too close to the roller when introducing items of laundry. Feed belts and the roller stop at once and the roller is raised safely out of the trough.

### Special features

Feature	User benefit
Fishscale padding	Durable roller padding, particularly suitable for high-quality linen as this type of padding guarantees extremely even contact pressure.
ARAMID needle felt cloth	This covercloth material is prized for its extreme durability.
Heat-retaining cover	Prevents excessive heat losses to atmosphere. Heat energy stays where it is needed. This accessory also offers the secondary benefit of protecting both trough and roller against any ingress of dust.
Return feed	Allows laundry to be introduced and removed from the front of the machine. Easily converted from through-feed to return feed (without having to remove the heat-retaining cover).
Laundry rail	For small items of laundry – simplifies pre-sorting and the introduction of items. Hinged to allow longer items to drape in front of the machine.
Hygiene floorplate	Prevents larger items of laundry from trailing on the floor.
Second FlexControl footswitch	Makes the footswitch more accessible when there are several persons operating a machine.
'Plus' infeed table	Deeper, height-adjustable infeed table with suction through perforated feed belts: Adapts perfectly to operating staff, simplifies work procedures and improves workplace ergonomics.
Laser infeed guide	Projects a line denoting the leading edge of items onto infeed table. Simplifies introduction of items and optimises results by ensuring parallel infeed.
Multi-lane remoisturising of flatwork	Simplifies the ironing of overly dry textiles. 1, 2 or 3 lanes selectable.
Second contact pressure	Improved finish and increased laundry throughput when ironing multi-ply or thicker textiles. Manually activated. The alternative contact pressure can be programmed into individual programmes.
Timer	Allows times to be recorded for individual orders or batches. Simplifies processing and invoicing.
Extended ironer speed range	More finely adjustable, faster ironer speed: 3 – 14 m/min. on 60 cm roller diameter or 4 – 16 m/min. on 80 cm roller diameter
Auto heat-up on steam-heated versions	Staged control of steam valve at machine switch-on (only on steam-heated version).
Infinitely adjustable steam control including auto heat-up	Temperature controls as per electric and steam-heated versions, incl. auto heat-up (only on steam-heated version).
Internal compressed air generation (in absence of on-site supply)	A compressor is provided if there is no compressed air generating equipment on site.
Trough cleaning and waxing prompt	Maintains the quality of finish by ensuring that the trough is cleaned and waxed regularly by issuing a display prompt which must be acknowledged by operating staff.
Accessories for cleaning and waxing the trough	Cleaning cloth, waxing cloth and ironer wax – ensures long-lasting care of trough.

# Technical data

Flatwork ironers	PM 1621	PM 1625	PM 1630	PM 1635
Roller length [mm]	2100	2500	3000	3500
Roller diameter [mm]	585	585	585	585
Heating	EL/G	EL/G/S	EL/G/S	EL/G/S
<b>Electrical connection</b>				
Mains voltage 3N AC 400 V 50 Hz	•	•	•	•
Total rated load (electric version) [kW]	63.7	63.7	63.7	63.7
Total rated load (gas version) [kW]	3.9	3.9	3.9	3.9
Total rated load (steam version) [kW]	-	2.2	2.2	2.2
Heater rating (electric version) [kW]	60	60	60	60
Heater rating (gas version) [max. kW]	75	75	75	75
Heater rating (steam version) [kW]	-	60	60	60
<b>Performance*</b>				
Maximum throughput (electric/gas/steam) [kg/h]	115/115/-	130/130/135	145/145/165	160/160/190
<b>Dimensions, weight</b>				
Ext. dimensions H/W/D [mm]	1970/3290/1840	1970/3690/1840	1970/4190/1840	1970/4690/1840
Weight (electric/gas/steam) [kg]	2260/2370/-	2420/2530/2370	2620/2730/2590	2810/2930/2810

Flatwork ironers	PM 1825	PM 1830	PM 1835
Roller length [mm]	2500	3000	3500
Roller diameter [mm]	790	790	790
Heating	EL/G/S	EL/G/S	G/S
<b>Electrical connection</b>			
Mains voltage 3N AC 400 V 50 Hz	•	•	•
Total rated load (electric version) [kW]	84.6	84.6	-
Total rated load (gas version) [kW]	4.8	4.8	4.8
Total rated load (steam version) [kW]	3.1	3.1	3.1
Heater rating (electric version) [kW]	80	80	-
Heater rating (gas version) [max. kW]	100	100	100
Heater rating (steam version) [kW]	80	80	80
<b>Performance*</b>			
Maximum throughput (electric/gas/steam) [kg/h]	165/165/165	200/200/200	-/235/235
<b>Dimensions, weight</b>			
Ext. dimensions H/W/D [mm]	1970/3690/2044	1970/4190/2044	1970/4690/2044
Weight (electric/gas/steam) [kg]	2860/2970/3050	3110/3230/3360	-/3490/3660

• = standard, – = not available

EL = Electric, G = Gas, S = Steam, \*Throughput according to DIN 11902, at 50% residual moisture

Feed belts



Finger guard



Heat-retaining cover (open)





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