Marine Laundry Equipment for Cruise Ships
The company Miele

Still family-owned
Miele was founded in 1899 by Carl Miele and Reinhard Zinkann. Since then it has always been a family-owned company. Today, the company is run by the fourth generation of the respective families.

Residential and Professional business
Miele has always been a pioneer in the field of domestic appliances. Later, the commercial side of the business was established. Miele’s product range includes washing machines, tumble dryers, rotary irons, dishwashers, built-in appliances, etc. Miele’s commercial machines represent a professional and economic approach covering a wide range of applications, such as commercial dishwashing, cleaning, disinfecting and laundry care, for a variety of target groups: hospitals, homes for the elderly, hotels, commercial cleaners, laundromats and many more.

Corporate philosophy

Forever better
With a desire to supply its customers with only state-of-the-art technology, Miele manufactures domestic and commercial machines of the highest quality and is known worldwide as a provider of world class products comparable to none.

Innovation
A continuous stream of innovations is the foundation of Miele’s success. The focus is on providing customers with first-class products and services. In keeping with the company motto of being “Forever better”, Miele will continue to improve its products and services every day.

Sustainability
Miele’s commitment to conserving natural resources has lead to numerous awards and commendations. All Miele production plants are DIN EN ISO 14001 certified.

‘Best Company’
Miele was presented an award for the most successful company in Germany in 2009. In the ‘Best Company’ category, Miele beat the previous year’s winner Google, which came second, and also Porsche, which came in third place.

The coveted ‘Best Brand’ prize is not awarded by a jury. Rankings for this prize are the result of representative market research covering key criteria such as current economic market success, brand recognition and popularity among consumers. Miele was successful as ‘Best Company’ and also achieved a place in the top five in the category ‘Best Product Brand’. At Miele, the award is seen as confirmation of the company’s ‘Forever better’ philosophy. Success is put down to the fact that for decades, Miele has consistently focussed on durability, technology and service.
Miele – Adding Value

Better quality

**Advanced technology**
Miele offers technologically advanced products that are manufactured in compliance with DIN EN ISO 9001. Solid construction, high quality materials, sophisticated technology using electronic components designed and produced in-house guarantee the legendary longevity of Miele machines.

**Advanced productivity**
Since the founding days, Miele’s leading motto has always been ‘Forever better’.

The aim is clear: Miele appliances must be the best.

Hence the company was presented the ‘Best Practice’ award 2002 for innovation, reliability and quality by the Institute for Productivity and Quality (IPQ).

**100% end-of-line testing**
Every single machine undergoes a visual, functional and safety test which has to be passed successfully before leaving the plant.

More know-how

With decades of experience in developing washer-extractors and cleaning processes, Miele has mastered the art of combining design and functionality and its current line of products in this category reflect that expertise.

Miele takes that expertise to its dealerships and salesforce with teams of experts who can provide advice and guidance on operation, economic viability and on the optimum equipment for individual needs.

Better service

**Best customer service**
Miele’s customer service has been awarded many prizes and the company is most noted for its service technicians punctual service, helpfulness and expertise.

**Guaranteed availability of spare parts**
Miele’s Service department holds spare parts for all machines for up to 15 years after discontinuation of production in our inventory.
Sustainability
At Miele, company responsibility is more than just a trendy slogan. It has been the maxim of senior management since the company was first founded and remains so to this day. Miele has a responsibility to its customers, its staff, to society and to the environment, as well as to subsequent generations. As a commercial enterprise, Miele has a duty to grow and be successful on an economic level. That is sustainability; that is Miele.

Organization
Since 1992, the implementation of company principles has been ensured by an effective management system that has been integrated into all sectors of the company. All of the relevant topics are gathered and managed systematically across all locations.

- Health and safety at work (in accordance with OHSAS 18001)
- Product liability
- Product safety
- Quality (DIN EN ISO 9001)
- Quality management for medical products (DIN EN ISO 13485)
- Social standards (SA8000)
- Environmental management (DIN EN ISO 14001)

For Cruise Lines
All of our products set standards when it comes to water, energy and chemical consumption. Processes like WetCare help you to avoid shipping and handling dangerous chemicals on the ocean.

All of our laundry machines are "Green Passport" certified and meet highest industry standards. With high efficient shock absorbers, our machines have very rapid spins, of up to 100 mph. This reduces the amount of time and energy, which is needed during the drying process. On average our system can save up to 50% energy in comparison to a set with a low spinning washing machine.
Worldwide Service and Parts Availability

Miele factory trained service technicians
Over the past 110 years Miele has grown into a global corporation, which is represented in 47 countries on six continents.

With service technicians in each of these countries and in every major port around the world, you will find access to replacement machines and spare parts worldwide.

Additionally, we offer detailed spare part lists and technical documentation for all our products.

Reliable machines
Miele takes its motto “Forever Better” very serious and will not compromise its manufacturing processes - taking no shortcuts. Every machine is built to perfection.

Our commercial and marine units are built to last in rough environments to withstand 24 hours of use, 7 days a week, and deliver perfect results every single cycle.

All of our commercial laundry equipment is tested for 30,000 operating hours or more. This equals almost 4 years of usage without any interruption or break.
A reliable partner
For more than 100 years, Miele has been a reliable company, offering high quality residential and commercial appliances made in Germany.

Combining well designed appliances with the best service all around the world, Miele made a name for itself especially in the marine and cruising industries.

Miele’s solution
For cruise ships, Miele offers small footprint commercial laundry appliances for crew and guest laundrettes as well as WetCare machines.

With its WetCare system, Miele provides a PERC free alternative to the conventional cleaning of suits, dresses, uniforms and other delicate garments. This means no more handling of caustic liquids on board of your cruise ship.

Miele Professional offers a complete range of laundry machines up to 32 kg (70 lbs) capacity per load.

Miele’s advantage
Miele washer extractors offer all types of users powerful machines for efficient and gentle laundry care.

The processing of laundry on your cruise ship has never been easier and more convenient. From short program running times to flexible modes of operation, high spin efficiency, a large range of programs and connection options for metering pumps, Miele machines are exceptionally flexible as well as reliable.

In addition, we constantly improve our energy and water consumption. Miele laundry machines have set new standards in all load-size categories with respect to low consumption and fast program cycles.

Water consumption (l)

<table>
<thead>
<tr>
<th>WS 5190</th>
<th>PW 6201</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- 35%</td>
</tr>
</tbody>
</table>
Crew and Guest Laundrettes

True workhorses
Machines in establishments with a high laundry throughput each day which are operated by a number of different users need to be of a particularly high standard. Only commercial laundry machines can cope with these requirements.

Miele’s Little Giants and Octoplus machines are specifically designed to meet those needs. The combination of truly commercial technology paired with small footprint casing is the perfect solution for guest or crew laundrettes on board of a cruise ship.

Durable rugged components and a stainless steel exterior make this machine the perfect system for demanding day in, day out use.

Easy installation
For more convenience, the machines can easily be hooked up to automatic dispensing pumps, as well as a payment system; ideal for laundrettes on board. All units are equipped with a universal interface for payment systems; either a special on-board card payment system or regular coins can be used.

The user friendly controller features 21 selectable languages and is very easy to operate.

Fast cycle times and optimized water consumptions result in an environmentally friendly and energy efficient cleaning system.

The Little Giants can be installed side by side or stacked. For the Octoplus, we have two single units or a stacked unit available.

Easy-to-use
Miele laundry equipment is the best choice for crew and guest laundrettes. The controller is optimized for easy operation (see page 10) and is ideal for different users.

The machines can be set in 21 different languages. The administrator can define four languages, which are accessible by the user. After each program, the machine will switch back to a screen where the customer can choose his preferred language. This ensures that every customer operates the machine in a language he/she understands.

All of the programs are described in plain text, so there is no confusion with symbols or abbreviations not everyone is familiar with.
Little Giants and Octoplus Generation

**Little Giants**
- 6.5 kg (15 lbs) capacity laundry set
- Fast cycle units
- PW 6065 washing machine
- PT 7135 C condensation dryer
- PT 7136 vented dryer
- Easy-to-use controller (see page 10)
- Stackable or side by side installation
- Stainless or lotus white enamel casing

**Octoplus**
- 8.0 kg (20 lbs) or 10.0 kg (25 lbs) capacity laundry set
- Fast cycle units
- PW 6080 washing machine
- PT 7186 vented dryer
- Easy-to-use controller (see page 10)
- Side by side installation
- Stainless or octoblue powder-coated casing
Stackable Octoplus with 8 kg Capacity

PWT 6089 Vario washer-dryer stack

Washer-extractor
- 8 kg (20 lbs) load capacity
- Profitronic L Vario controller
- Honeycomb drum, 80 l capacity
- Spin speed 1,300 rpm
- G Force 520, residual moisture 49%

Tumble dryer
- Vented dryer
- Profitronic L Vario controller
- Patented Honeycomb drum
- 180 l capacity

Casing
- Octoblue powder-coated or stainless steel

Technical data: page 18
Profitronic L controls

Modes of operation
Washer-extractors and tumble dryers
Little Giants 6.5 kg
Octoplus 8 – 10 kg

Illustration shows Profitronic L controls from the Octoplus range

Unique display design
PROFITRONIC L controls facilitate customized program selection on both washer-extractors and tumble dryers, allowing machines to adapt flexibly to commercial users’ needs.

In crew and guest laundrettes this ensures an easy and intuitive operation.

Program selection concept: Standard
In “Standard” mode, the operator has access to all programs from the selected target group program packages. Four programs can be saved to the direct-access keys for quick selection.

Other programs can be accessed by selecting “Further programs.” The option of modifying programs and program parameters makes this control set particularly flexible. Thus specific requirements can be fulfilled to achieve perfect laundry care.

Program selection concept: Direct-access buttons
This set of controls represents the simplest of user interfaces. Of all the programs available, four are selected and saved. No further changes are necessary.

The operator can, of course, reassign new programs to pushbuttons at any time. This approach offers maximum safety and eliminates human error. This controller mode is recommended for crew laundrettes.

Program selection concept: Direct-access buttons and more
In this mode, the laundry operator selects 12 programs to be made available to users. The first three programs are visible in the display and can be selected using direct-access buttons 1-3. The fourth button calls up a list containing nine further programs. This type of interface ideally combines safe and simple selection with access to a broader range of programs. We recommend this mode for guest areas.
Our Space-saving Equipment

**New from MIELE**

**PW 5105 washer-extractor**
- Load capacity 10 kg (25lbs)
- Profitronic L controls
- Honeycomb drum
- 100 l capacity
- Spin speed 1100 rpm
- Direct-access keys
- Operating mode: Electric

**Casing**
- Octoblue

**Interfaces and connection options**
- Optical interface for service diagnosis and program updates
- 7-pole interface for payment systems
- 6 dispensing signals with container empty input signal
- RS 232 interface module for communication slot optional

**New from MIELE**

**PT 8303 SlimLine tumble dryer**
- Vented dryer
- Profitronic B controls, residual-moisture-controlled with 12 programs
- Patented ‘Perfect Dry’ residual moisture system
- Galvanized drum
- Drum volume 300 l
- Operating mode: Electric

**Casing**
- Octoblue front with Octoblue side panels
- Octoblue front with galvanized panels (ideal for side-by-side installations)

Technical data: page 18
High Capacity Laundry Equipment

High throughput
Miele washer extractors and tumble dryers of the Profitronic M series are the powerhouse in any laundry facility.

With drum volumes ranging from 100 to 320 l (10-32kg, 22-70 lbs), Miele offers the appropriate machine size for a variety of laundry operations. A combination of different machines will easily handle great amounts of laundry. Perfectly tuned process parameters, high performance and top spin speeds result in short cycles and fast drying times.

More value
Miele machines offer a higher value in the daily use on a cruise ship. All of our machines are freely programmable. You define the standards and we design the washing process and water and energy consumption for your needs.

All of our dryers are equipped with a residual moisture sensor, which continually measures the moisture in the garment. The dryer stops when the appropriate drying is achieved. Neither overdrying is possible nor any additional process steps are required. Every batch is delivered with the same perfect result.

Miele’s quality
Extensive tests confirm Miele’s high quality standards.
• Designed, built and tested to last 30,000 operating hours (more than seven years based on 12 hours per day and 365 working days per year)
• 30,000-cycle detergent dispenser flap test (opening/closing)
• 100,000 operations of On/Off switch
• 1,000-hour wash test at 60°C and 95°C with varying loads (30%, 70%, 100%)
• 10,000-hour circuit board test under extreme load conditions
• Extreme test regime covering drum assembly, suspension springs and motor and drive system
Machines for High Volume Laundry

High capacity washer
- PW 6XX7-generation

Capacity
- PW 6107 - 10 kg/23 lbs
- PW 6137 - 13 kg/30 lbs
- PW 6167 - 16 kg/36 lbs
- PW 6207 - 20 kg/45 lbs
- PW 6241 - 24 kg/55 lbs
- PW 6321 - 32 kg/70 lbs

Controller
- Profitronic M - freely programmable controller
- Up to 199 programs

Features
- Stainless steel patented Honeycomb drum
- High extraction rate
- WetCare and regular laundry programs

Your advantage
- 1 machine for WetCare and regular laundry
- Fast cycles
- Gentle laundry treatment, thanks to Honeycomb drum.

High capacity dryer
- PT 8XX7-generation

Capacity
- PT 8257 - 10 kg/23 lbs
- PT 8337 - 13 kg/30 lbs
- PT 8407 - 16 kg/36 lbs
- PT 8507 - 20 kg/55 lbs
- PT 8807 - 32 kg/70 lbs

Controller
- Profitronic M - freely programmable controller
- Up to 199 programs

Features
- Stainless steel patented Honeycomb drum
- Residual moisture control
- Perfect Dry
- WetCare and regular laundry programs

Your advantage
- Perfect drying results

Rotary Irons
- HM and PM generation

Roller Length and Ironing Throughput
- HM 16-80 - 33 inch length, 29 lbs/hour
- PM 1210 - 39 inch length, 50 lbs/hour
- PM 1214 - 55 inch length, 62 lbs/hour
- PM 1217 - 65 inch length, 110 lbs/hour

Controller
- Separate speed and temperature controller

Features
- Anodized, extremely smooth trough
- Perfect laundry finish
- Ease of operation
- Perfect ergonomics

Your advantage
- High capacity throughput of up to 99 kg/220 lbs
- Unique trough design with 167° angle
- Belt infeed
Miele WetCare
Professional Fabric Care for the Future

In 1991, Miele, together with Kreussler, the chemical company, invented the process of professional wet cleaning - A water based solvent system that replaced typical dry cleaning methods. This is an ideal cleaning system on a cruise ship.

On land, the system is used with great success at thousands of cleaners throughout the world. On the high seas, there are even more reasons to switch to the Miele WetCare technology.

Today the third generation of Miele WetCare machines are working with the latest, optimized WetCare system. Thanks to the patented Honeycomb drum, fabrics last even longer with improved cleaning results and lower water and energy consumption.

How we clean
Miele WetCare provides you with an alternative to conventional dry cleaning that uses solvent.

Instead of dry cleaning fabrics, which is done with hazardous chemicals like perc, the Miele WetCare system uses water and special detergents. These detergents are not hazardous and can be treated like other laundry detergents in the gray water reprocessing.

None of the WetCare detergents are flammable or toxic, so storage or shipping of these items does not require special attention. (Please contact Miele for the safety data sheets)

In a WetCare system fabrics made with angora, cashmere, silk, wool, acrylic, polyester and even leather are safely cleaned every day of the week.

The WetCare process
WetCare cleans the textiles in a mixture of water and detergent. The special WetCare detergent has the double function of both protecting the fiber from damage and lifting the stains from the fabric. New wool and sensitive silk garments can be cleaned safely.

Gentle agitation and our patented Honeycomb drum prevents damage to the textiles. A high spin speed extracts most of the moisture.

The whole load can be dried for a few minutes in our dryers. Thanks to the residual moisture controller, there is no possibility of overdrying the garments, which would cause damage.

After the drying process the fibers must be tensioned again. Therefore special tensioning equipment is recommended.
Laundry equipment
As our WetCare machines are the same as the regular washing machines, you can double use our units. Every machine is equipped with different programs, so you can operate the machine as a WetCare unit in the morning and support the main laundry with some loads in the peak hours. Thanks to our chipcard protection, there is no chance of a wrong use.

Chipcard protected
All of our machines with more than 20 lbs capacity can be protected with chipcards. The machine will only start if the user has the chipcard available. Additionally you can allow the user only to start one specific program with his chipcard. This ensures controlled processes and avoids misuse of the machine or the damage of expensive garments.

Honeycomb drum
Our patented drum design allows us to use tiny flush holes that decrease damage to fabrics.

New, innovative liquid dispensing
In order to simplify connection to external liquid dispensing systems, all Miele units are equipped with a special dispenser module. A port on the rear panel of the machine allows an easy hook-up of the detergent pumps. Most of the units can be equipped with automatic level sensors, which give an alert when the detergent level is low in the containers.
Miele Laundry Systems
Advantages for Cruise Ships

High energy efficiency
Miele cares about the environment and your costs, resulting in reduced energy consumption from our machines over the last few years. Our Profitronic controller sets new standards in the industry.

These new washer extractors now take cost-efficiency and environmental concerns one step further.

• Up to 73% lower energy consumption
• Up to 56% lower water consumption

Lower water and energy consumption allow cost savings of up to approx. $1,500 per year.

(based on 2000 batches per year, cost of 0.3 cent per kWh and 5.00 $ per m³ water)
Additional Miele Products for Cruise Ships

**Accessories**
- Fashion Master ironing board
- Detergent pumps
- Laundry handling carts
- Racks or baskets

**Commercial dishwasher**
- Fast cycle dishwasher
- 2 rack freshwater system or single rack tank dishwasher
- Wide range of baskets available
- All units made in Germany

**Built-in coffee system**
- Wall or cabinet mounted coffee-systems
- Ideal for upscale suits and cabins
- Automatic preparation of Espresso, Coffee, Cappuccino, Latte Macchiato or hot water

**Medical cleaning equipment**
- Compact undercounter washer-disinfector
- Approved as medical devices for disinfection
- Validated reprocessing of instruments for the doctor on board

**Undercounter wine storage**
- Built-under model with tinted glazed door (UV protection)
- Up to 35 bottles wine storage
- 2 temperature zones
- LED interior lighting
- Ideal for upscale suits and cabins

**Cooking classes**
- Have you ever thought about offering cooking classes during a cruise?
- Miele offers a whole range of kitchen appliances to set up premium kitchens for cooking events and classes
### Crew and Guest Laundry

<table>
<thead>
<tr>
<th>Machine Type</th>
<th>Voltage Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Little Giants, ProfiLine 6.5 kg capacity</strong></td>
<td>2 AC 230V 50Hz, 3 AC 230V 50Hz, 3 AC 400V 50Hz, 2 AC 400V 50Hz, 3 AC 220V 60Hz, 3 AC 440V 60Hz</td>
</tr>
<tr>
<td><strong>Little Giants, Professional 6.5 kg capacity</strong></td>
<td>2 AC 230V 50Hz, 3 AC 230V 50Hz, 3 AC 400V 50Hz, 2 AC 400V 50Hz, 3 AC 220V 60Hz, 3 AC 440V 60Hz</td>
</tr>
<tr>
<td><strong>Octoplus, Professional 8.0 kg</strong></td>
<td>2 AC 230V 50Hz, 3 AC 230V 50Hz, 3 AC 400V 50Hz, 2 AC 400V 50Hz, 3 AC 220V 60Hz, 3 AC 440V 60Hz</td>
</tr>
<tr>
<td><strong>Octoplus, Professional 10.0 kg</strong></td>
<td>2 AC 230V 50Hz, 3 AC 230V 50Hz, 3 AC 400V 50Hz, 2 AC 400V 50Hz, 3 AC 220V 60Hz, 3 AC 440V 60Hz</td>
</tr>
</tbody>
</table>

### Washing Machines

- **Little Giants, ProfiLine 6.5 kg capacity**
  - PW 5065 lotus white
  - PW 6065 lotus white
  - PW 6065 stainless
- **Octoplus, Professional 8.0 kg**
  - PW 6080 octoblue
  - PW 6080 stainless
- **Octoplus, Professional 10.0 kg**
  - PW 5105 octoblue

### Tumble Dryers

- **Little Giants, ProfiLine 6.5 kg capacity**
  - PT 5136 lotus white vented
  - PT 5135 C lotus white condenser
- **Little Giants, Professional 6.5 kg capacity**
  - PT 7136 lotus white vented
  - PT 7135 C lotus white condenser
  - PT 7136 stainless vented
  - PT 7135 C stainless condenser
- **Octoplus, Professional 8.0 kg**
  - PT 7186 octoblue vented
  - PT 7186 stainless vented
- **Octoplus, Professional 10.0 kg**
  - PT 8205 octoblue

### Stacked Units

- **Octoplus, Professional 8.0 kg**
  - PWT 6089, washer-dryer stack octoblue
  - PWT 6089, washer-dryer stack stainless

---

### Dimensions [inch]

<table>
<thead>
<tr>
<th>Type</th>
<th>Width</th>
<th>Depth</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Little Giants Single Units</td>
<td>24</td>
<td>29</td>
<td>34</td>
</tr>
<tr>
<td>Octoplus Single Units 8.0 kg</td>
<td>28</td>
<td>29</td>
<td>40</td>
</tr>
<tr>
<td>Octoplus 10.0 kg Units</td>
<td>28</td>
<td>33</td>
<td>40</td>
</tr>
<tr>
<td>Octoplus Stacked Units</td>
<td>27</td>
<td>30</td>
<td>76</td>
</tr>
<tr>
<td>SlimLine Dryer</td>
<td>28</td>
<td>43</td>
<td>71</td>
</tr>
</tbody>
</table>

---

*Please see our installation diagrams for detailed specs, installation requirements and additional information.
Product availability may vary at any time; details are subject to change without prior notice.

• available, (•) in development/special request*
## Voltage Information and Technical Data

<table>
<thead>
<tr>
<th>High Capacity Laundry and WetCare</th>
<th>3 AC 230V/50Hz</th>
<th>3 AC 400V/50Hz</th>
<th>3 AC 220V/60Hz</th>
<th>3 AC 440V/60Hz</th>
<th>Width [inch]</th>
<th>Depth [inch]</th>
<th>Height [inch]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PW 6107, 10 kg/23 lbs</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>32</td>
<td>36</td>
<td>49</td>
</tr>
<tr>
<td>PW 6137, 13 kg/30 lbs</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>32</td>
<td>40</td>
<td>49</td>
</tr>
<tr>
<td>PW 6167, 16 kg/36 lbs</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>36</td>
<td>40</td>
<td>55</td>
</tr>
<tr>
<td>PW 6207, 20 kg/45 lbs</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>36</td>
<td>45</td>
<td>55</td>
</tr>
<tr>
<td>PW 6321, 32 kg/70 lbs</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>43</td>
<td>50</td>
<td>65</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tumble Dryers</th>
<th>3 AC 230V/50Hz</th>
<th>3 AC 400V/50Hz</th>
<th>3 AC 220V/60Hz</th>
<th>3 AC 440V/60Hz</th>
<th>Width [inch]</th>
<th>Depth [inch]</th>
<th>Height [inch]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT 8257, 10 kg/23 lbs</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>36</td>
<td>33</td>
<td>55</td>
</tr>
<tr>
<td>PT 8337, 13 kg/30 lbs</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>36</td>
<td>40</td>
<td>55</td>
</tr>
<tr>
<td>PT 8407, 16 kg/55 lbs</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>36</td>
<td>45</td>
<td>55</td>
</tr>
<tr>
<td>PT 8507, 20 kg/55 lbs</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>47</td>
<td>39</td>
<td>65</td>
</tr>
<tr>
<td>PT 8807, 32 kg/70 lbs</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>47</td>
<td>54</td>
<td>65</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rotary Irons</th>
<th>3 AC 230V/50Hz</th>
<th>3 AC 400V/50Hz</th>
<th>3 AC 220V/60Hz</th>
<th>3 AC 440V/60Hz</th>
<th>Width [inch]</th>
<th>Depth [inch]</th>
<th>Height [inch]</th>
</tr>
</thead>
<tbody>
<tr>
<td>HM 16-80, 33 inch roller</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>39</td>
<td>15</td>
<td>38</td>
</tr>
<tr>
<td>PM 1210, 39 inch roller</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>62</td>
<td>19</td>
<td>41</td>
</tr>
<tr>
<td>PM 1214, 55 inch roller</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>78</td>
<td>26</td>
<td>41</td>
</tr>
<tr>
<td>PM 1217, 65 inch roller</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>85</td>
<td>23</td>
<td>41</td>
</tr>
</tbody>
</table>

Please see our installation diagrams for detailed specs, installation requirements and additional information. Product availability may vary at any time; details are subject to change without prior notice.

* available, (•) in development/special request
Miele, Inc.
9 Independence Way
Princeton, NJ 08540

Phone: 800-991-9380
Fax: 609-419-4241
www.mielemarineusa.com
marine@mieleusa.com

International Service Contacts
Americas: +1 609 419 4376
Australia, Asia, Oceania: +61 3 9764 7880
Europe, Africa, Middle East: +49 5241 89 66 877

Email: service@miele-marine.com
www.miele.com/marine-service

Immer besser
Since 1899 Miele has been a family-run business with a clear philosophy: "Immer besser" meaning Forever Better. This philosophy lays the foundation for legendary quality, sustainability and innovation that proudly bears the "Made in Germany" mark. This is a promise to all professionals who trust the Miele brand.

A trusted brand
Uncompromising reliability with Miele’s products and service is one reason why users choose the Miele brand regularly. Miele is known to be a trusted brand and has received many prestigious awards such as the MX Award, RedDot Design Awards and the German Sustainability Award.

Product range
Miele Professional develops and produces high quality products and has lead the way for product development in the fields of laundry, dishwashers, washer-disinfectors, laboratory glassware washers and residential appliances.