Operating and Installation Instructions
Commercial Washing Machine
PW 6241
PW 6321

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IMPORTANT SAFETY INSTRUCTIONS

Explanation of the safety notes and warnings on the machine

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This washing machine complies with all current local and national safety requirements. Inappropriate use can, however, lead to personal injury and material damage.

Read the operating instructions carefully before using the washing machine. They contain important information on safety, installation, use, and maintenance. This prevents both personal injury and damage to the washing machine.

Miele expressly and strongly advises that you read and follow the instructions in the section on installing the washing machine as well as the IMPORTANT SAFETY INSTRUCTIONS.

Miele cannot be held liable for injury or damage caused by non-compliance with these instructions.

Keep these operating instructions in a safe place and pass them on to any future user.

When instructing other people how to use the washing machine, they must be made aware of these IMPORTANT SAFETY INSTRUCTIONS.

Appropriate use

▶ The washing machine is only suitable for washing fabrics with a care label stating that they are suitable for machine washing. Any other applications may be dangerous. The manufacturer cannot be held liable for damage resulting from incorrect or improper use or operation of the machine.

▶ This machine must be used as described in these instructions and must be checked on a regular basis to make sure it is functioning correctly. Maintenance must be carried out when necessary.

▶ The washing machine is not suitable for outdoor use.

▶ Do not install the washing machine in a room where there is a risk of frost. Frozen hoses are at risk of tearing or bursting. The reliability of the electronic may be impaired at temperatures below freezing point.

▶ This washing machine is intended only for use in a commercial environment.

▶ The washing machine must not be used in a non-stationary installation site (e.g., on a ship).

▶ This washing machine is only intended for items of laundry which have not been impregnated with dangerous or inflammable substances.

▶ For disinfection procedures, use temperatures, holding times, detergent dosage, and, if necessary, disinfectants to achieve the required infection prophylaxis in accordance with guidelines and microbiological and hygienic standards.

▶ Disinfection programs must not be interrupted, as this can have a limiting effect on the disinfection result. It is the operator's responsibility to ensure that the standard of disinfection in thermal as well as chemo-thermal procedures is maintained by carrying out suitable validation tests.

▶ If the laundry has special result-quality requirements, such as rinsing result, an absence of particles, wettability, and liquid permeability, the procedure must be validated accordingly. The supervisor must guarantee the reprocessing standard with regular quality checks.

▶ Do not store or use gasoline, paraffin, or any easily flammable substances near the washing machine. There is a risk of fire and explosion.

▶ If the washing machine is operated in a publicly accessible place, it is the supervisor's responsibility to ensure that suitable measures are in place to protect users from any source of risk or danger.

▶ This washing machine should not be used by persons with reduced physical, sensory, or mental capabilities, or a lack of experience and knowledge, unless they are supervised or instructed on its use by a responsible person.

▶ Children must not be allowed near the washing machine.

▶ Any uses other than those listed above are prohibited. The manufacturer accepts no liability in such cases.

Preventing misuse

▶ Never use solvent-based cleaning agents, e.g., those containing benzine, in this washing machine. This may result in damage to component parts and create toxic fumes. **Risk of fire and explosion!**

IMPORTANT SAFETY INSTRUCTIONS

▶ When washing with high temperatures, remember that the porthole glass becomes hot. Do not touch it during the wash process. **Danger of injury by burning!**

▶ Close the drum door after each wash cycle. This is to avoid anyone or anything unexpected getting into the washing machine.

▶ Do not damage, remove, or bypass the safety features or control elements of this washing machine.

▶ Machines with a damaged control panel, wires, or cords must not be used until they have been repaired.

▶ The water generated during washing is suds and not drinking water. Drain the suds into a proper drainage system.

▶ Always make sure that the drum is stationary before reaching in to remove laundry. Reaching into a rotating drum is extremely dangerous and may result in injury.

▶ Be careful not to put your hands in the gap between the door and frame when closing the drum door.

▶ If the detergent compartment drawer is open and the chute is missing, there is a **danger of scalding from splashing water**. Do not operate the machine if any of its components are missing!

▶ It is particularly important to observe the manufacturer's instructions when using a combination of cleaning agents and special application products. Products must only be used for applications approved by the manufacturer to avoid any material damage or the occurrence of strong chemical reactions.

Technical safety

▶ Installation and repair work to electrical machines must only be carried out by a qualified person in strict accordance with current local and national safety codes. Repairs and other work by unqualified persons could be dangerous.

▶ This washing machine should be installed by Miele Customer Service or by an authorized dealer.

▶ Before installing the washing machine, check it for visible signs of damage. Do not install or use a damaged washing machine.

▶ The electrical safety of this washing machine can only be guaranteed when correctly grounded. It is essential that this standard safety requirement is observed and regularly tested. If in any doubt, please have the electrical installation inspected by a specialist. Miele cannot be held liable for the consequences of an inadequate grounding system.

▶ Unauthorized repairs could result in unforeseen dangers for the user, for which the manufacturer cannot accept liability. Repairs must only be carried out by a Miele authorized technician, otherwise any subsequent damage will not be covered by the warranty.

▶ Do not make any alterations to the machine, unless authorized to do so by Miele.

▶ Disconnect the washing machine from the power supply in the event of a fault and for cleaning and maintenance. The washing machine is only electrically disconnected from the power supply when

- the electrical plug of the washing machine is unplugged, or
- circuit breaker is disconnected, or
- the screw-in fuse has been completely removed.

For additional information; see "Installation — Electrical connection".

▶ Washing machines with a damaged control element or cord insulation must not be used until they have been repaired.

▶ Only operate the washing machine when all removable outer panels are in place so that it is impossible to touch an electrical component or moving part.

▶ The electrical plug for the washing machine must always be kept accessible so that the washing machine can be easily disconnected from the power supply.

▶ The washing machine may only be connected to the water supply using the set of hoses supplied with the machine. Old sets of hoses must not be re-used. Check the sets of hoses regularly for signs of wear. Change the sets of hoses ahead of time to avoid the risk of leaks and subsequent water damage.

▶ Faulty components must only be replaced by genuine Miele replacement parts. Miele can only guarantee the safety standards of the machine when Miele replacement parts are used.

▶ The cause of any leaks must be dealt with before the washing machine is restarted. Disconnect the washing machine immediately if any water leaks out.

▶ In the case of a fault with the steam heating there can be increased temperatures in the vicinity of the door, the detergent compartment panel and in the drum interior (especially at the edges). Danger of burning.
This only applies for machines with steam heating.

IMPORTANT SAFETY INSTRUCTIONS

▶ All relevant national provisions and regulations (DGUV in Germany) relating to accident insurance are applicable to this machine. It is recommended to carry out testing in accordance with the regulatory framework described in DGUV 100-500/Chapter 2.6/Section 4. The test book required for the documentation is available from Miele Customer Service.

▶ Follow the instructions in "Installation".

▶ If the washing machine is to be hard-wired, there must be a means of disconnecting all poles from the power supply. The disconnection switch must be close to the washing machine and be clearly identifiable, unhindered, and easily accessible at all times.

▶ If the machine's connection cord has been damaged, it must be replaced by the manufacturer or a qualified specialist.

▶ The power supply must be disconnected when performing maintenance or replacing parts on the machine. If the electrical plug needs to be disconnected from the socket, the operating personnel must ensure that the electrical plug remains disconnected at all times.

Correct use

▶ The maximum dry laundry weight is 53 lb (24 kg) for PW 6241 and 370 lb (32 kg) for PW 6321. See the "Program chart" for the maximum recommended load sizes for individual programs.

▶ Before using the washing machine for the first time, check that the shipping struts have been removed (see "Installation — Removing the shipping struts"). During spinning, a shipping strut which is still in place may result in damage to both the washing machine and adjacent furniture or machines.

▶ Never try to open the drum door of the washing machine using force. The door can only be opened when a corresponding message appears in the display.

▶ When washing with high temperatures, remember that the porthole glass and drum door become hot.

▶ Close the drum door after each wash cycle. This is to avoid anyone or anything unexpected getting into the washing machine.

▶ Always close the drum door carefully. There is a risk of crushing and injury by shearing in the area around the hinges of the drum door.

▶ It must be possible to open the drum door fully. There must be no doors or other structural elements in the vicinity which prevent the drum door from opening.

▶ Always make sure that the drum is stationary before reaching in to remove laundry. Touching a moving drum poses a significant risk of injury.

▶ The procedures and machines listed here are not medical devices. Observe the program descriptions and procedural information in the program chart.

▶ Laundry is only disinfected in programs with a disinfection step. All other programs do not have a disinfection step (see the "Hygiene" program chart).

▶ This washing machine may only be operated without supervision if there is a floor drain (gully) in the direct vicinity of the washing machine.

▶ Disinfectants and detergents often contain chlorine-containing compounds. When agents containing chlorine dry on stainless-steel surfaces, the resulting chlorides can attack the stainless steel and produce rust. Protect your washing machine from rust damage by using chlorine-free agents to wash, disinfect, and clean the stainless-steel surface. If in doubt, have the manufacturer confirm the suitability of the agent.

If agents containing chlorine get onto the stainless-steel surface, clean the stainless-steel surface immediately with water. Then use a cloth to dry the stainless-steel surface.

▶ It is particularly important to observe the manufacturer's instructions when using a combination of cleaning agents and special application products. Agents must only be used for applications approved by the manufacturer to avoid any material damage or the occurrence of strong chemical reactions. Confirmation must be sought from the manufacturer that using the agent in the washing machine will not cause damage.

IMPORTANT SAFETY INSTRUCTIONS

▶ If the correct amount of detergent is dispensed, the washing machine should not need to be descaled. If, however, you do wish to descale your washing machine, only use proprietary non-corrosive descaling agents. Special descaling agent is available from your Miele dealer or from Miele Customer Service. Strictly observe the instructions for the descaler.

▶ Turn off the faucet if the machine is to be left for any length of time (e.g., during vacation), especially if there is no floor drain (gully) in the immediate vicinity.

▶ Take care to ensure that foreign objects (e.g., nails, pins, coins, paper clips) do not find their way into the machine with the laundry. These may damage components of the machine (e.g., suds container, drum). Damaged components can damage the laundry.

▶ Fabrics that have been pre-treated in solvent-based cleaning agents must be thoroughly rinsed in clean water before being washed in the machine. Note that solvent residues may only be discharged into waste water in compliance with local legislation.

▶ Never use solvent-based cleaning agents, e.g., those containing benzine, in this washing machine. This may result in damage to component parts and create toxic fumes. **Risk of fire and explosion!**

▶ Do not store chemicals (liquid detergents, additives) on the machine lid. They may cause discoloration or lacquer damage. Accidentally spilled chemicals should be removed from the surface immediately with a wet cloth.

▶ A fan outlet is located on the rear of the washer. This area must not be blocked. Please ensure that the minimum gap required, as shown on the installation drawing, is maintained.

▶ Recommending chemical cleaning agents does not mean that the machine manufacturer is responsible for the influences of these agents on the laundry and the washing machine. Please note that undisclosed product changes by the manufacturers of these agents may affect the quality of the wash result.

▶ Only use dyes, dye removers, and descaling agents suitable for use in a washing machine. The manufacturer's instructions on the packaging must be observed.

▶ Dye removers contain sulfur compounds which can cause damage such as corrosion. Do not use these products in this washing machine.

▶ Check the wash result of laundry soiled with biological oils or greases. Inadequately washed laundry can cause spontaneous combustion during the drying process. Use special detergents or wash programs for this kind of laundry.

▶ Do not use a power washer or hose to clean the washing machine.

Chlorine and component damage

▶ Frequent use of chlorine products increases the risk of damage to components.

▶ The use of substances containing chlorine, such as sodium hypochlorite and chlorine bleach in powder form, can result in damage to the protective layer of stainless steel and corrosion on components. Therefore, refrain from using substances containing chlorine. Use oxygen-based bleaching agents instead.

If, however, chlorine bleaching agents are used, an anti-chlorine treatment must always be carried out. Otherwise, both the washing machine components and the laundry may suffer persistent and irreparable damage.

▶ Anti-chlorine treatment must be carried out immediately after chlorine bleaching agents have been used. Hydrogen peroxide as well as oxygen-based detergents and bleaching agents are suitable for anti-chlorine treatment. The suds must not be drained in between.

Treatments with thiosulfates can result in gypsum-like deposits particularly when used in combination with hard water. This gypsum can build up in the washing machine or cause incrustations on the laundry. Treatment with hydrogen peroxide is recommended over treatment with thiosulfates because hydrogen peroxide neutralizes chlorine.

The exact dispensing quantities and the treatment temperatures required must be set and tested on site in accordance with the dispensing recommendations of the detergent and cleaning agent manufacturers. The laundry must also be tested to check whether it contains any active chlorine residues.

Accessories

▶ Only use genuine Miele spare parts and accessories with this machine. Using parts or accessories from other manufacturers will invalidate the warranty, and Miele cannot accept liability.

> Miele cannot be held liable for damage caused by failure to comply with these IMPORTANT SAFETY INSTRUCTIONS.

Disposing of your old machine

▶ Ensure that the door locks are unusable when disposing of or scrapping old washing machines. This will prevent the risk of anyone or anything accidentally locking themselves in while playing and endangering their lives.

Caring for the environment

Disposal of the packaging material

The packaging is designed to protect the washing machine against transport damage. The packaging materials used are selected from materials which are environmentally friendly for disposal and can therefore be recycled.

Recycling the packaging material reduces the use of raw materials in the manufacturing process and also reduces the amount of waste in landfill sites. Your dealer will take the packaging material away.

Disposal of your old appliance

Electrical and electronic appliances contain valuable materials. They also contain certain substances, compounds and components which were essential for the proper functioning and safe use of the equipment. Handling these materials improperly by disposing of them in your household waste can be harmful to your health and the environment. Therefore, please do not dispose of your old appliance with regular household waste and follow local regulations on proper disposal.
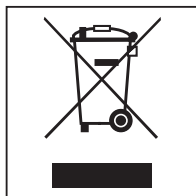
Consult with local authorities, dealers or Miele in order to dispose of and recycle electrical and electronic appliances. Miele assumes no responsibility for deleting any personal data left on the appliance being disposed. Please ensure that your old appliance is kept away from children until removal. Observe safety requirements for appliances that may tip over or pose an entrapment hazard.

Energy saving tips

Energy and water consumption
- Make use of the **maximum** load size that the wash program can accommodate.
  The most efficient use of energy and water is achieved when a full load is washed.
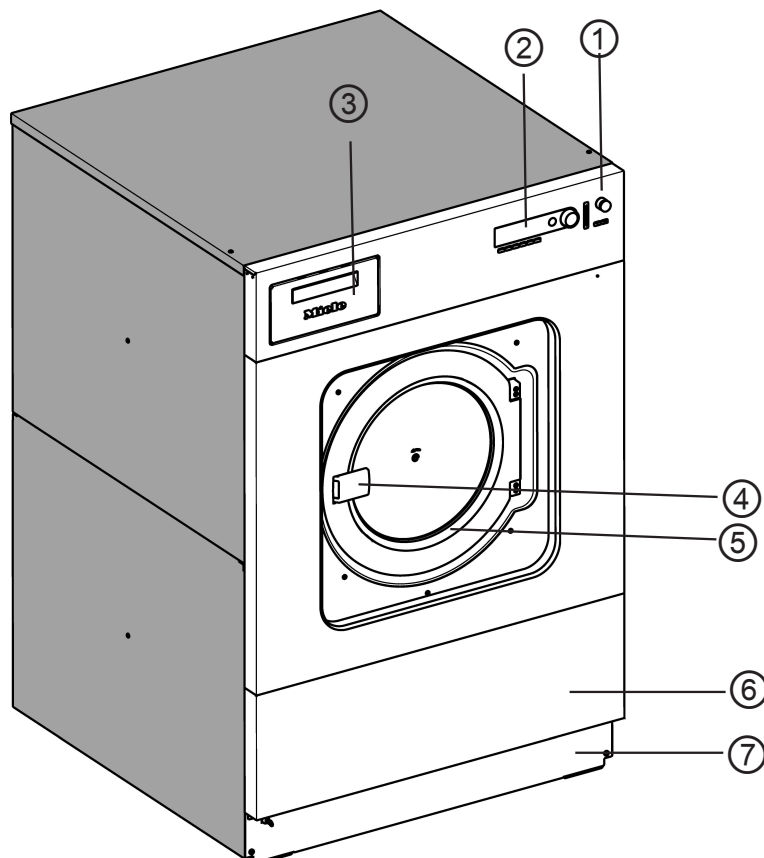
Detergent
- Do not exceed the amounts of detergent recommended on the packaging.
- Reduce the amount of detergent for smaller load sizes.

When drying with a tumble dryer
Select the highest possible spin speed for the wash program to save energy in the subsequent drying cycle.

Description of the machine

Machine description

① **Emergency-off button**
Pressing the red button switches the machine off.

② **Control panel**

③ **Detergent drawer**
Pull the handle to open the cover.

④ **Door handle**
The door handle is equipped with an anti-snap mechanism to ensure the safety function of the door lock.

⑤ **Drum door**
Pull the door handle to open the drum door. Never try to force open the drum door.

⑥ **Service panel**

⑦ **Plinth panel**

Control panel
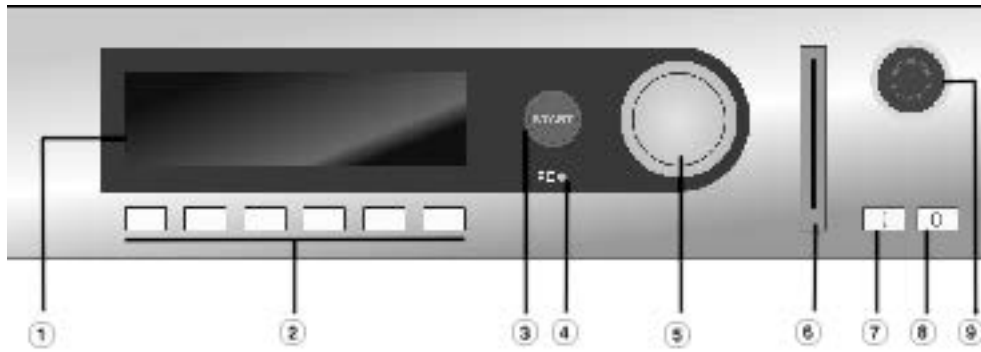
① **Display**

1	Cottons Hygiene	90 °F
2	Cottons Universal	60 °F
3	Cottons Intensive	60 °F

When the machine is switched on the welcome screen will appear briefly, followed by the program list. The last started program is highlighted.

② **Function buttons**

The six buttons underneath the display are the function buttons. These buttons can be allocated specific functions depending on the status of the machine. These functions appear in the display above the buttons and are highlighted when selected. By reprogramming "Direct button allocation", the first six programs in the program list can be selected using buttons 1–6.

③ **Start button**

The light ring around the button flashes when a selected program is ready to start. The selected program starts when the button is pressed. After a program has started, the display content can be shown again by pressing this button.

④ **PC optical interface**

Using PC software, data can be transmitted to and from the controls to a PC. The optical interface on the control panel provides the connection point.

⑤ **Selector dial**

Rotating the outer ring allows changes to be made to the display selection and input fields and also confirms these changes.

⑥ **Card reader**

When a card is inserted, the wash programs on the card can be used. Insert the card in the direction of the arrow.

⑦ **I Power on button**

Switch on the machine

⑧ **0 Power off button**

Switch off the machine

⑨ **Emergency-off button**

Only use in case of danger. Pressing the red button switches the machine off. When the hazard has been removed, the button can be unlocked by turning it clockwise. When the "START" button is pressed again, the interrupted program continues.

Description of the machine

Function buttons

A function is activated when pressed and deactivated when pressed again.

⊽ Stop/finish

The right-hand function button is used as the finish button after a program has started. Pressing the button stops the selected program or finishes a stopped program.

+⊔ Block+

The corresponding program block (e.g., Pre-wash) is added to the program.

⫟⫟⫟ Starch stop

Press this button if the laundry is to be starched.

⊘ W/o spin

Press this button if a final spin is not required after the final rinse.

⊩⇄ Settings

Another language can be temporarily selected by pressing this button.

⊘ Delay start

When this button is pressed before starting the program, information about selecting a start time will appear in the display.

ⅈ Information

Program information appears in the display when this button is pressed.

⊔ Water drainage

⤳ Manual control

See programming instructions

→→ Skip / Repeat

The current program can be skipped or program blocks can be repeated.

⤶ Back

Return to previous display page.

▼/▲ Information on next/previous line

⊟ Saving

See programming instructions

🔒 Program locked

If a program is locked, after 1 minute it can no longer be stopped or canceled with the finish button.

🔓 Program unlocked

⊌ Dispensing

⊭ Dispensing switched off

⊟ Operating data

+⊩+ Resetting to 0 (taring)

If the load display does not show "00.0" with an empty drum, this can be rectified by pressing this button.

⧖ Data transfer

Program card for the supervisor

There are no programs on this card ex works. Please refer to the programming instructions for information on how data is transferred from the controls to the card.

If a card with saved programs is placed in the card reader before the program is started, the controls no longer access the internal program memory. The content of the card is read and shown in the display as a program list with the indication Card operation.
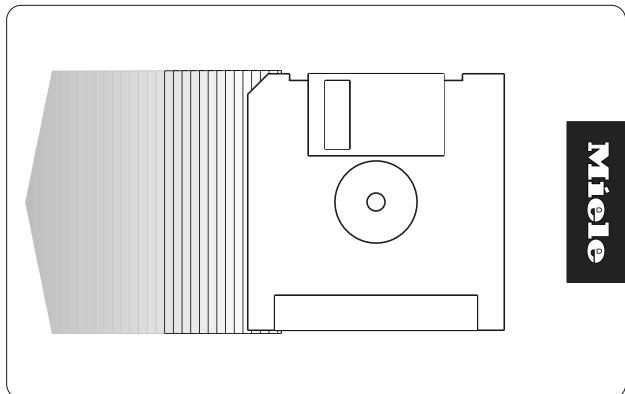
The card can hold a maximum of 30 programs consisting of 6 blocks each. The back of the card can be labeled.

Before using for the first time

⚠ The washing machine must be commissioned by Customer Service or an authorized dealer.

∎ Open the on-site shut-off valves for water and/or steam.

∎ Switch on the (on-site) power switch.

∎ Switch the machine on with the **I** "Power on" button.

The welcome screen will appear in the display

followed by the program list (the last started program is highlighted).

Rotate the selector dial to select a program and press the "START" button to start it immediately.

Preparing the laundry

Emptying pockets
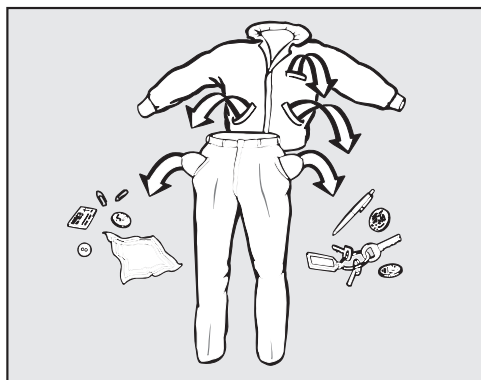
∎ Empty all pockets.

⚠ Damage due to foreign objects.
Nails, coins, paper clips, and so on can cause damage to garments and components in the machine.
Check the laundry before washing and remove any such foreign objects.

Washing

Max. load

(dry laundry)

	PW 6241	PW 6321
1 Cottons 90°C **2** Cottons 60°C **3** Cottons 60°C intensive **4** Cottons 30°C **5** Cottons 30°C intensive **6** Cottons Eco short	max. 53 lb (24 kg)	max. 70 lb (32 kg)
7 Minimum iron 60°C **8** Minimum iron 60°C intensive **9** Minimum iron 30°C **10** Minimum iron 30°C intensive	max. 27 lb (12 kg)	max. 36 lb (16 kg)
11 Delicates **12** Woolens 30°C **13** Hand-washable woolens 30°C	max. 21.2 lb (9.6 kg)	max. 28.2 lb (12.8 kg)

Maximum load weights of other programs are specified in the program chart.

- Loading the laundry.

- Close the drum door using the door handle; do not slam slut.

Make sure that no items are caught between the drum door and the opening.

Washing

## Washing with detergent drawers

Adding detergent using the detergent dispenser drawer
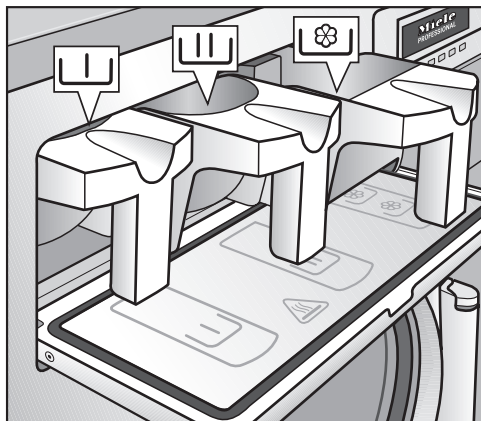
■ For standard wash programs, add powder detergent for the main wash to the ⊔⫽ compartment and if desired, add detergent for a pre-wash to the ⊔⫽ compartment. Add fabric softener to the front of the ⊛⫽ compartment.
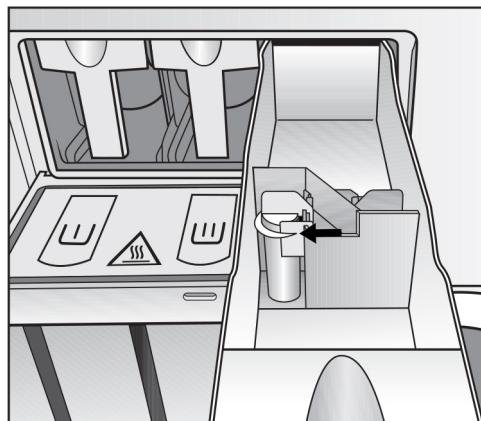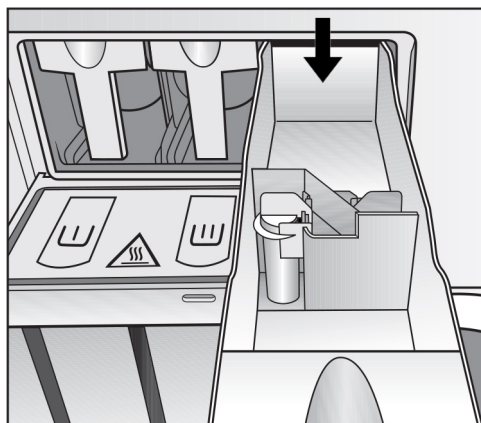

■ Add any other liquid agents to the back of compartment ⊛⫽ (if this has been programmed).
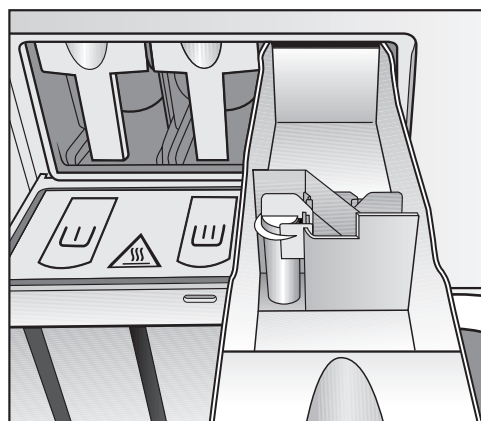
> Do not fill the ⊛⫽ compartments above the level marker with liquid agents.
> They will otherwise run through the siphon and into the suds container before they are needed.

Bleaching agent

> Only use bleach on fabrics with the Δ symbol on the care label.

Liquid bleaching agents must only be dispensed through the designated dispenser drawer compartment. Only then it is ensured that the agent is added in to the second rinse cycle automatically. Liquid bleaching agents should only be used on colored textiles which have a wash care label stating that they are suitable for bleaching.

> ⚠ Frequent use of chlorine products increases the risk of damage to components.

Dyes, dye removers, and descaling agents

Proprietary dyes, dye removers, and descaling agents may only be used in this machine if the manufacturer expressly states that they are suitable for use in a washing machine. The manufacturer's instructions on the packaging must be observed.

Detergent dispensing

Avoid dispensing more than the required amount as this can cause excessive foaming.

- Only use low-foaming detergents.
- Follow the detergent manufacturer's recommendations.

The amount to dispense will depend on:

- the amount of laundry
- the water hardness
- how dirty the laundry is

Dispensing quantity

Please dispense according to water hardness levels and follow the detergent manufacturer's instructions.

Washing

Water hardness levels

Water hardness level	Water properties	Total hardness in gpg	German scale °d
I	Soft	0-7	0–7
II	Medium	7-15	7–14
III	Hard	15-22	14–21
IV	Very hard	Above 22	Above 21

Check with your local water supplier if you do not know the water hardness level in your area.

Selecting a program

- Select a program by rotating the selector dial (e.g., Program **1** Cottons).

The following (for example) will appear in the display:

18	Extra Drain	
1	Cottons Hygiene	90°F
2	Cottons Universal	60°F

Selecting the Pre-wash, Starch stop, or W/o spin additional functions

■ Confirm the selected program by pressing the inner button on the selector dial.

The following (for example) will appear in the display:

1	Cottons Hygiene	24,0 / 24,0 lb
90°F	Main Wash	
	Rinse	1100 rpm

■ If required, add the "Pre-wash" program block by pressing the +⎁ "Block+" function button.

When the +⎁ "Block+" function button is pressed, the following appears in the display:

1	Cottons Hygiene	24,0 / 24,0 lb
40°F	Pre-wash	
90°F	Main Wash	1100 rpm

The "+⎁" field is highlighted.

The function can be deselected by pressing the button again.

Press the ⚍ "Starch stop" button if the laundry is to be starched.

Press the ⌀ "W/o spin" button if a final spin is not required after the final rinse.

If you do not want to make any additional changes to the program:

■ Press the "START" button to start the wash program.

Changes before program start

If changes are to be made before the start of the program, e.g. load, temperature or spin speed:

Load size

The load size can be entered manually before the start of the program.

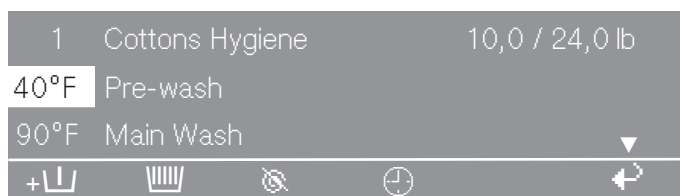| 1 Cottons Hygiene	10,0	24,0 lb
40°F Pre-wash		
90°F Main Wash		▼

- Rotate the selector dial to select the "Load size" entry field and press the selector dial to confirm the selection.
- Rotate the selector dial to change the load size and press the selector dial to confirm the set value.

Temperature

Before the program starts, the temperature can be set in 1° increments from cold 60°F (15°C) to the max. 205°F (95°C).

- Rotate the selector dial to select the "Temperature" field (e.g., 105°F (40°C) for the pre-wash) and press the selector dial to confirm the selection.

1 Cottons Hygiene	10,0 / 24,0 lb
40°F Pre-wash	
90°F Main Wash	▼

- Rotate the selector dial to change the temperature and press the selector dial to confirm the set value.

Spin speed

in 25 rpm increments from 0, 300 up to a maximum of 1,100 rpm (PW 6241) or 1,000 rpm (PW 6321).

- Rotate the selector dial to select the "Spin speed" field (1,000 rpm for the final spin) and press the selector dial to confirm the selection.

1 Cottons Hygiene	10,0 / 24,0 lb
90°F Main Wash	
Rinse	1000 rpm
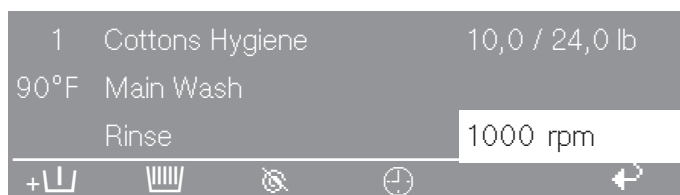
- Rotate the selector dial to change the spin speed and press the selector dial to confirm the setting.

Maximum spin speeds

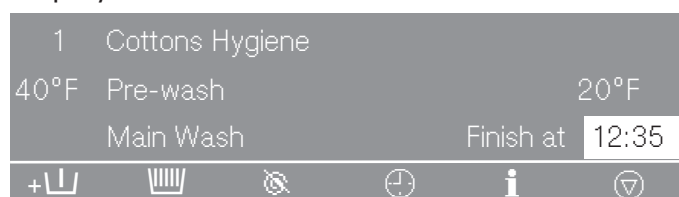| PW 6241	PW 6321
1100 rpm	1000 rpm

Press the "START" button to start the wash program.

Starting a program
- Press the "START" button.

The wash program will start.

After the program has started, the program sequence is shown in the display.

1	Cottons Hygiene		
40°F	Pre-wash		20°F
	Main Wash	Finish at	12:35
+⊔	⊞	⊘	⊕ i ▽

In the second line of the display, in this case Pre-wash, the current suds temperature is shown.

1	Cottons Hygiene		
90°F	Main Wash		60°F
	Rinse 1	Cold	Finish at 12:35
+⊔	⊞	⊘	⊕ i ▽

If the **Pre-wash** program block is finished, the Main Wash program block will appear in the second line of the display with the current suds temperature. The next program block, in this case Rinse 1, is shown below.

Tip: The program finished display on the right shows the time that the program will finish.

1	Cottons Hygiene		
90°F	Main Wash		60°F
	Rinse 1	Cold	Finish at 12:35
+⊔	⊞	⊘	⊕ **i** ▽
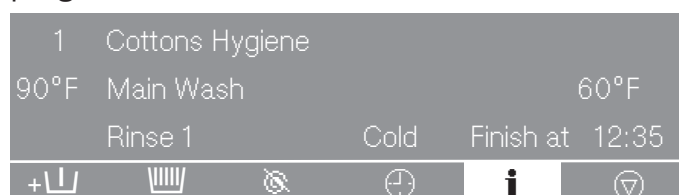
■ Press the **i** "Information" button.

Additional information about the wash program will appear in the display. For example:

1	Cottons Hygiene	
Delay start	10.07.2020	
Start time:	09:47	▼
		↵

Time after start	0h 23 min	
Time left	0h 11 min	
Time after start	0h 23 min	▼
		↵

Time left	:	0h 11 min	
Repetition	:	No	
Area 3	:	Rinse	▼

Block 2	:	2. Spülgang	
Program step	:	Wash time 1	
Actual water level	:	22 mm	▼
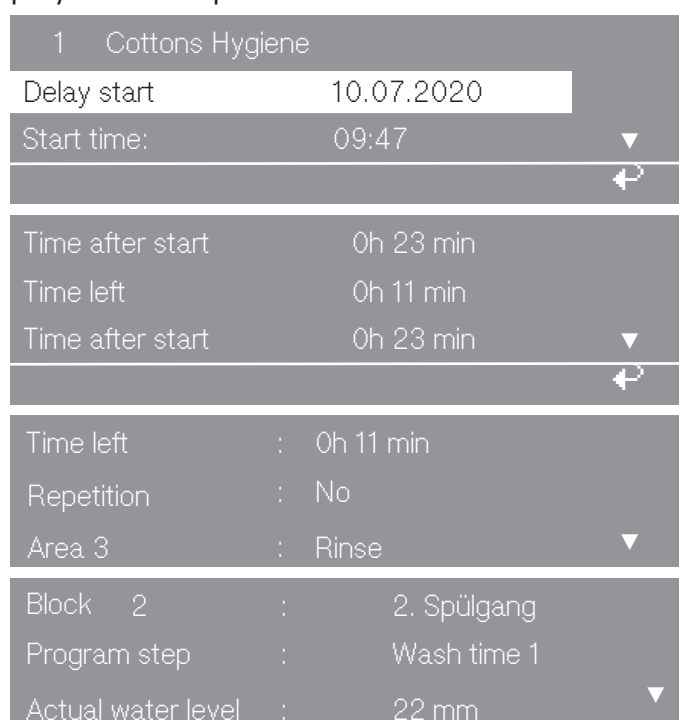
Required water level	60	mm
Actual temperature	35	°F
Required :	60	°F ▼

1	Cottons Hygiene	
rpm:	40	rpm
Rhythm : 12 / 3		▲
		↵

■ Press the ↵ "Back" button.

The display will automatically revert to the program sequence.

Opening the drum door after the program has finished

At the end of the program, when the drum has stopped rotating and no water is left in the machine, the following (for example) appears in the display:

1	Cottons Hygiene
Program finished	
Door can be opened.	
⊕	▸₌	↵

At the same time, a buzzer sounds for 5 seconds at the end of the program.

■ Pull the handle to open the drum door.

■ Pull the door handle to open the drum door.

Never use force to open the drum door!
If the drum door cannot be opened, press against the drum door and then pull the door handle again.

■ Remove the laundry.

Procedure in the event of a program interruption during operation

If the program has been canceled while there is still water in the machine or during spinning, the following (for example) will appear in the display:

1	Cottons Hygiene
Program finished. Water in the drum.	
	⏲ ▐⇄ ↵

or

1	Cottons Hygiene
Program finished. Drum still rotating.	
	⏲ ▐⇄ ↵
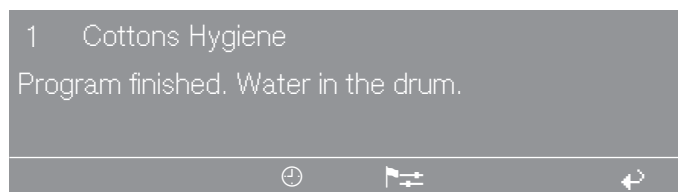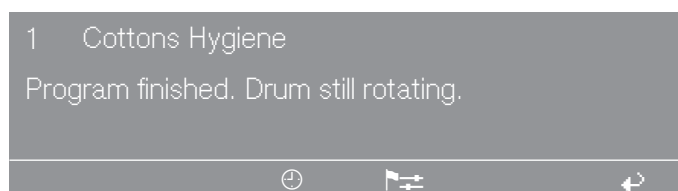
> The drum door is locked.
> Do not attempt to open the drum door using force.

- Press the ⬚ "Water drain" function button or select the "Separate spin" program and press the "START" button.
- Open the door at the end of the program.

If no additional wash programs are planned:

- Switch off the machine with the 0 "Power off" button.
- Switch the machine off with the on-site power switch.
- Close the on-site shut-off valves for water and steam.

Washing by card operation

Card operation

Cards with **at least one** program are intended for a particular model of machine. Blank cards can be used in any machine.

■ Switch on the machine with the **I** "Power on" button.

The welcome screen will appear in the display.
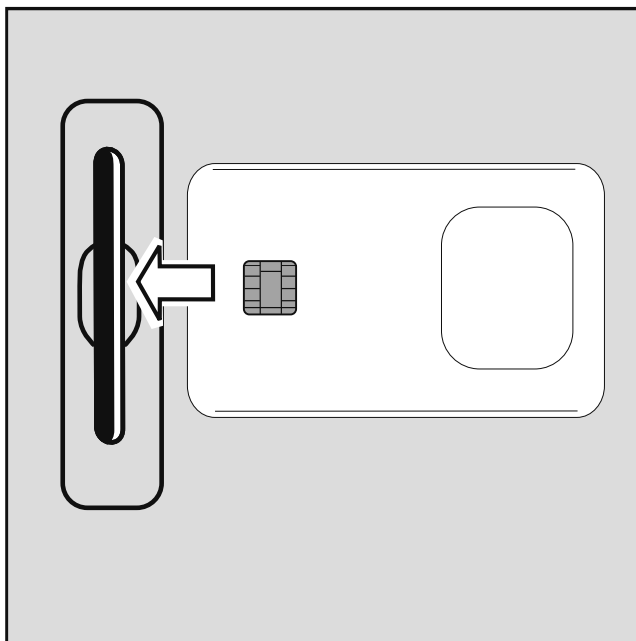
■ Insert the card.

The programs on the card will appear in the display.

■ Select a program by rotating the selector dial. Press the selector dial to select the program.

■ Press the selector dial to select the highlighted program.

■ Press the "START" button.

The program will start running.

Once the "START" button has been pressed, the card can be removed from the card reader. The program will be deleted at the end of the program.

Do not insert any objects other than the card into the card slot.

If the card is inserted into the slot the wrong way, the following message will appear in the display:
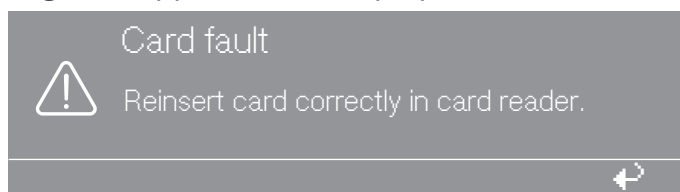
■ Insert the card into the card reader correctly.

If the card is not suitable for this model of machine, the following message will appear in the display:

```
Card contents

Card programs are only
applicable for machine type ??.
                                    ↵
```
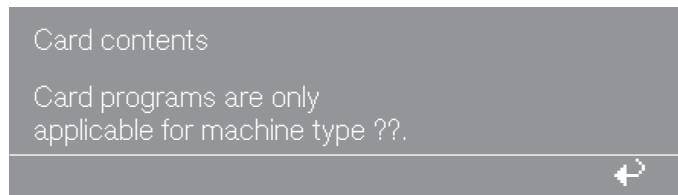
■ Insert a suitable card for the model of machine.

Laundry load operation

Laundry loads that require a special wash program are assigned a program card containing only the program designed for the specific laundry load.

Laundry load operation can be activated via the Card operation menu option in the supervisor level.

When the Card operation menu option is activated, the controls will only accept cards that contain a laundry load program. The programs saved on the machine can no longer be accessed.

Additional functions

Temporarily changing the language

The display language can be changed temporarily via the flag symbol before starting the program.

> The language selected is reset 5 minutes after the end of the program when the door is opened.

1	Cottons Hygiene	90°F
2	Cottons Universal	60°F
3	Cottons Intensive	60°F

■ Press the 🏳⇄ function button.

The following appears in the display:

Settings	Back ↵
Main menu	Language 🏳
	Supervisor level

■ Press the selector dial to confirm the Language menu option.

Settings	dansk
Language 🏳	english (USA)
	english

■ Rotate the selector dial to select the desired language.

The selected language is highlighted.

■ Press the selector dial to confirm the new display language.

The display is now shown in the newly selected language.

Start time

A later wash start time can be allocated to a program using the ⏰ "Start time" function button.

Setting a start time   ■ Select the wash program required.

When a program has been selected, the following (for example) will appear in the display:

| 1	Cottons Hygiene	10,0 / 16,0 lb
90°F	Main Wash	
	Rinse	1000 rpm
+⊔	⬛	⌀ ⏰ ↵
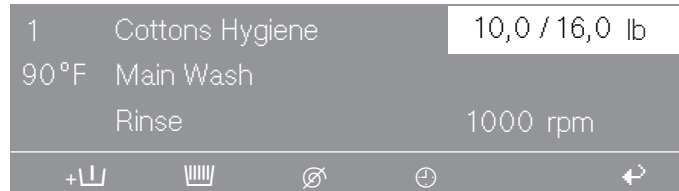
■ Press the ⏰ "Start time" function button.

The following (for example) will appear in the display:

1	Cottons Hygiene	10,0 / 16,0 lb
Start time	16 : 10	Start date: 2.4.2020
After setting the delay start press Start.		↵
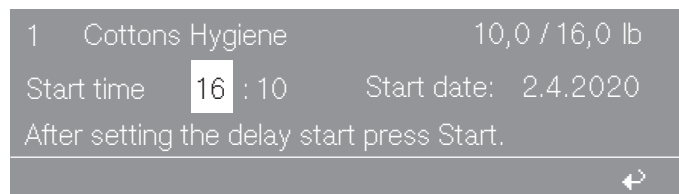
> The current time and date always appear. The entry field for hours is highlighted.

■ Press the selector dial to select the hour. Rotate the selector dial to change the hour and press the selector dial to confirm.
■ Rotate the selector dial to select and confirm the "Minutes" field. Rotate the selector dial to change the minutes and press to confirm.
■ Rotate the selector dial to select and confirm the "Start date day" entry field. Rotate the selector dial to change the day and press to confirm.
■ Change the month and year if required.
■ After setting the start time, press the "START" button and the program will start at the set time.

The display shows the current time and date and the start time.

1	Cottons Hygiene	10,0 / 16,0 lb
90°F	Main Wash	
16:15 -2.4.2010	Start:	6:00 -3.4.2020
+⊔	⬛	⌀ ⏰ ↵
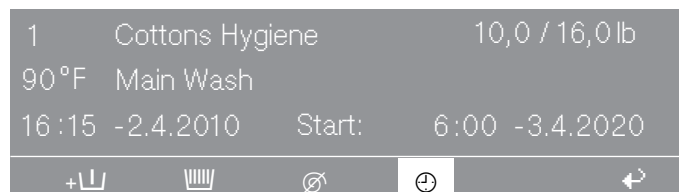
If the drum door is opened again, the "START" button must be pressed again.

Canceling the start time function   ■ Press the ⏰ "Delay start" button or the ↵ "Back" button.
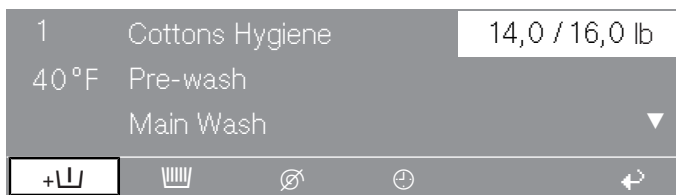
The changes will not be saved.

With pre-wash

A Pre-wash can be added for heavily soiled laundry before the program has started in the standard programs 1 to 10.

■ Press the +⊔ "Block+" button.

# Additional functions

The following will appear in the display:

1	Cottons Hygiene	14,0 / 16,0 lb
40°F	Pre-wash	
	Main Wash	▼
+⊔	⊞ ∅ ⊕	↵

The "+⊔" field is highlighted in the display.

Tip: The function can be deselected by pressing the +⊔ "Block+" button again.

Adding via the drawer

Starching can be selected before the program starts in all standard programs (excluding Separate spin and Separate drain) by pressing the ⊞ "Starch stop" button. The ⊞ field will be highlighted in the display.
The function can be deselected by pressing the button again.

1	Cottons Hygiene	⊞
Program stop - Starch stop		
Door can be opened.		
☙ ↦		▽
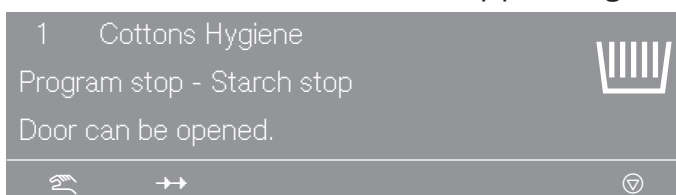
When the "Starch stop" program stage is reached, Program stop - Starch stop will flash in the display.
Prepare the starch according to the manufacturer's instructions and add to the inflowing water via the front ✸ drawer. Dilute the starch with water if necessary. The wash time will be automatically extended by 4 minutes.
The program will continue when the "START" button is pressed.

Adding directly into the drum

When the "Starch stop" program stage is reached, open the drum door and add the starch prepared according to the manufacturer's instructions. Close the drum door.
The following message will appear in the display again:

1	Cottons Hygiene	⊞
Program stop - Starch stop		
Door can be opened.		
☙ ↦		▽
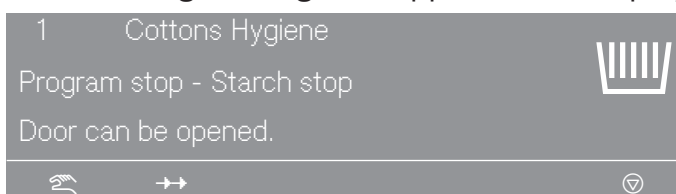
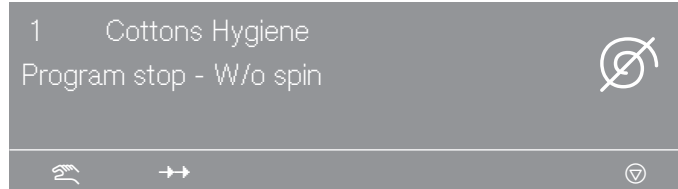Press the "START" button and the program will continue.

Without spin

"W/o spin" ⌀ can be selected before the program starts in all standard programs (excluding Separate spin).

∎ Press the "W/o spin" button.

The ⌀ field will be highlighted in the display.

Tip: The function can be deselected by pressing the button again.

1 Cottons Hygiene		⌀
Program stop - W/o spin		
☟ ↦		▽

When the "W/o spin" program stage is reached, Program stop - W/o spin will flash in the display.

∎ End the program without a spin and with Water in the machine by pressing the ▽ "Stop/finish" button.

Tip: The program can be continued with a spin by pressing the "Start" button.

Program stop

Stopping the program.

∎ Press the ▽ "Stop/finish" button to stop the program.

The program will stop.

1 Cottons Hygiene		
Program stop		
☟ ↦		▽
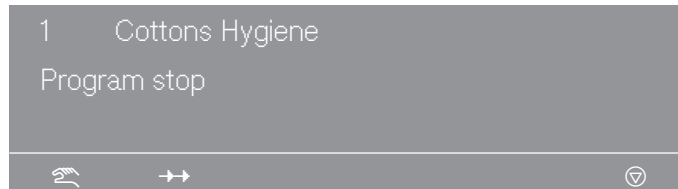
Tip: The program can be continued by pressing the "START" button.

33

Additional functions

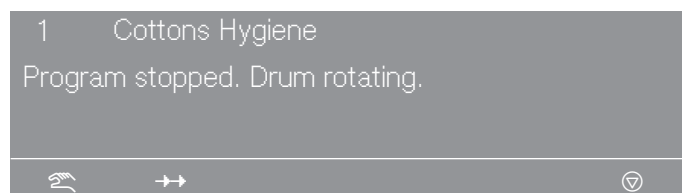## Program cancelation

The program can be canceled as follows.

■ Press the ⊘ "Stop/finish" button twice in succession.

The program is canceled.

If the program has been canceled while there is still water in the machine or during spinning, the following will appear in the display:
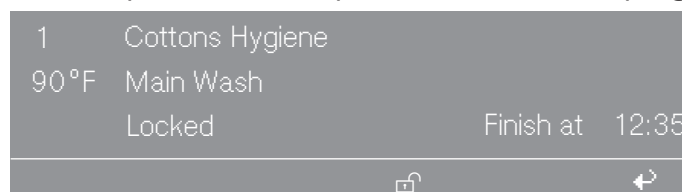
```
1        Cottons Hygiene
Program stop - Water in the drum


  ☞        ↦                              ⊘
```

or

```
1        Cottons Hygiene
Program stopped. Drum rotating.


  ☞        ↦                              ⊘
```
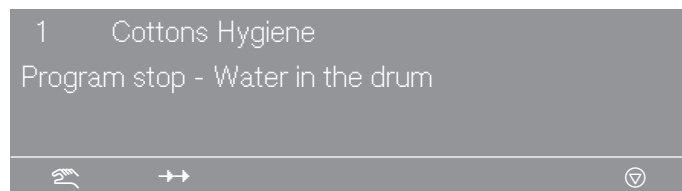
Tip: To open the door, press the "Water drain" 🔃 function button or select the "Extra Spin" program and press the "START" button.

Canceling a locked program

It is not possible to stop or cancel a locked program.

```
1        Cottons Hygiene
90°F     Main Wash
         Locked              Finish at   12:35
                        🔓                  ↵
```

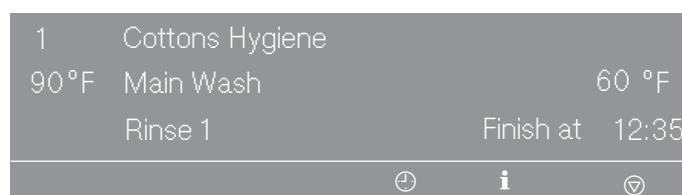The display will show the locked state if an attempt is made to cancel the program by pressing the ⊘ "Stop/finish" button.

■ Press the 🔓 "Unlock" function button and enter the password.

When the password is entered, the following appears in the display:

```
    Unlock program?


                        💾                  ↵
```
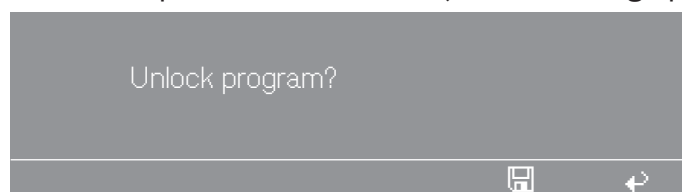
■ Press the 💾 "Save" button.

The normal display content will appear and the program can now be canceled.

```
1        Cottons Hygiene
90°F     Main Wash                     60 °F
         Rinse 1             Finish at   12:35
                   🕐        i          ⊘
```
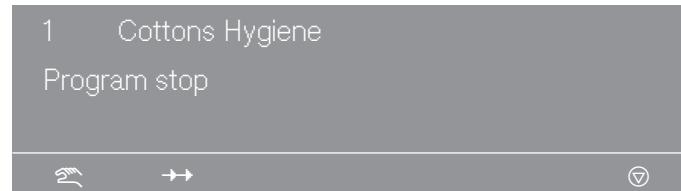
Skipping a program

The current program can be skipped or program blocks can be repeated.
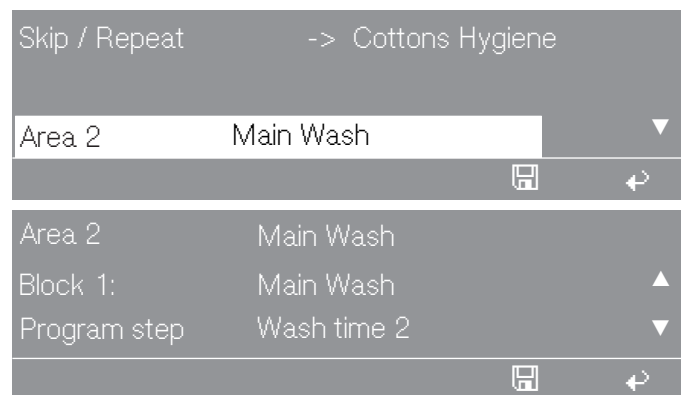
■ Press the ⓥ "Stop/finish" button.

The program will stop.

1 Cottons Hygiene	
Program stop	
✆ ⇥	ⓥ

■ Press the →→ "Skip / Repeat" button.

The current area, block, or stage appears in the display.

Tip: See "Program structure" for more information.

Skip / Repeat	-> Cottons Hygiene	
Area 2	Main Wash	▼
	🖫	↵

Area 2	Main Wash	
Block 1:	Main Wash	▲
Program step	Wash time 2	▼
	🖫	↵

■ Rotate the selector dial to highlight Area and press to confirm. Select and confirm areas: 1 Pre-wash, 2 Main wash, or 3 Rinse.

■ Rotate the selector dial to highlight Block and press to confirm. Select and confirm blocks: 1–10 Pre-wash, 1–10 Main wash, or 1–10 Rinse.

■ Rotate the selector dial to highlight Stage and press to confirm. Select and confirm the required program stage.

■ Press the 🖫 "Save" button and then "START" to skip the stage.

Tip: Press the ↵ "Back" button to return to program stop and the Skip / Repeat will not be performed.

Optional modules

Liquid dispensing (optional for machines with detergent compartment)
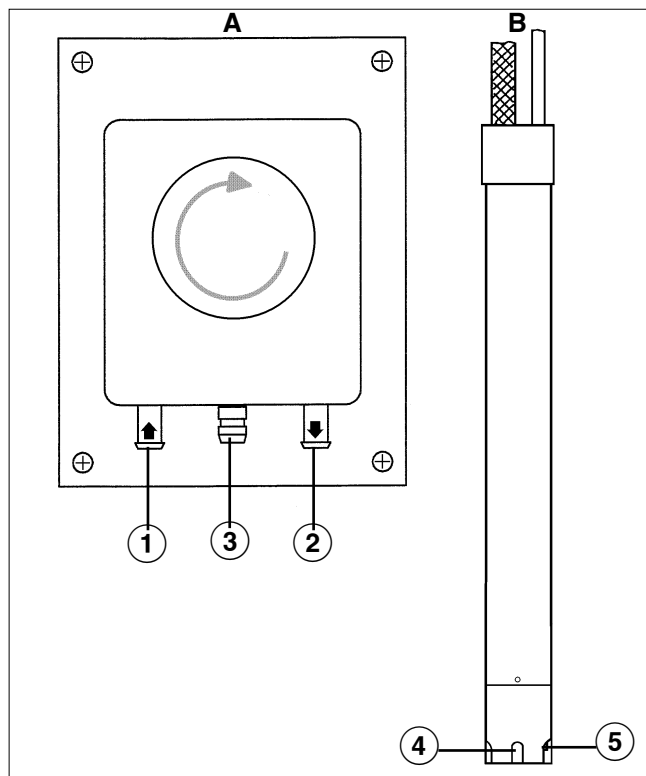
A Dispenser pump

B Siphon tube

① Hose connection socket (suction side)

② Hose connection socket (pressure side)

③ Outlet (in case of hose leakage)

④ Suction inlet opening

⑤ Display indicator level checker. When the dispenser is empty the pump and the machine switch themselves off.
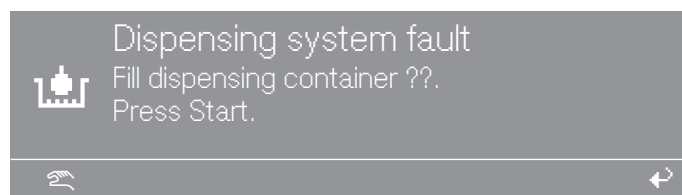
At the same time, the washing machine indicates a lack of liquid detergent. When the dispensing canister has been filled, the program can be started by pressing the "START" button.

Deselecting dispensing

Liquid dispensing can be switched off manually before the program starts.

1	Whites	90 °F
2	Cottons	60 °F
3	Cottons Intensive	60 °F

∎ Switch liquid dispensing off manually using the "Dispensing off" function button.

∎ After the program has started, no detergent will be dispensed via the dispenser pumps and the following message (for example) will be displayed:

1	Cottons Hygiene	10,0 / 10,0 lb
90°F	Main Wash	
	Rinse	1000 rpm

Dispensing quantities

Please follow the detergent manufacturer's instructions.

⚠ Risk of injury!
Violent chemical reactions and material damage.
Always follow the instructions of the chemical manufacturer when using cleaning agents and special application chemicals. Only use such chemicals for the purpose and in the situation specified by the manufacturer in order to avoid the danger of adverse chemical reactions and material damage.

Tip: Correct dosage also depends on the viscosity of the liquid detergent. It should therefore be allowed to settle to room temperature before being used.

Commissioning the dispenser pumps

Before the liquid dispenser pumps can be used the liquid detergent must be drawn into the system and the amount to be dispensed set.
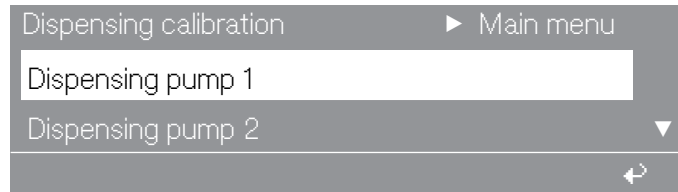
Optional modules

Dispensing calibration

Dispensing calibration is used to measure the throughput of the individual dispenser pumps.

To go directly to Dispensing calibration when the machine is switched off:

■ Press and hold multifunction button 2 and switch the machine on with **I** "Power on".

Dispensing calibration	▶ Main menu
Dispensing pump 1	
Dispensing pump 2	▼
	↵

Options:

- Dispenser pump 1 **to** 13

■ Select a dispenser pump.

When a dispenser pump is selected, the following will appear in the display:

Dispensing calibration	▶	Dispensing pump 1
V: 100 ml	t: 0 s	P: No
	0/1 🖫	↵

Tip: The dispensing quantity can be set from 0 to 9,999 ml in 1 ml increments.

■ Press the multifunction button 0/1.

The dispensing hose will fill up.

■ Stop the process by pressing the 0/1 button.

■ Run the hose of the dispenser pump upwards into a measuring vessel.

■ Hold the entire measuring vessel above the dispenser pump while doing this.

⚠ Irritant detergents.
Skin and eye irritation.
Avoid contact with skin and eyes, wear protective clothing.

■ Return to the main menu by pressing the ⤺ "Back" button.

Dispensing calibration	▶ Main menu
Dispensing pump 1	
Dispensing pump 2	▼
	↵

■ Select a dispenser pump.

Dispensing calibration	▶	Dispensing pump 1
V: 100 ml	t: 0 s	P: No
	0/1 🖫	↵
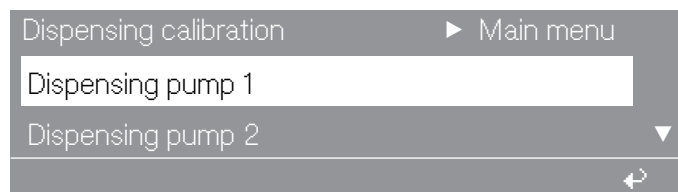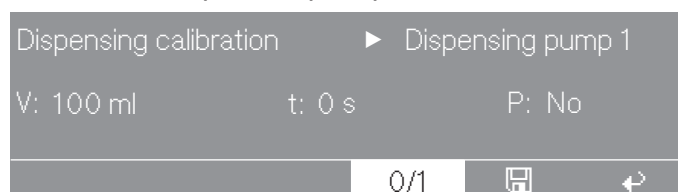
■ Press the multifunction button 0/1.

Stop the pump by pressing the 0/1 button, or the pump will stop automatically after 60 seconds.

■ Measure the required amount in the measuring vessel.

Dispensing calibration	▶	Dispensing pump 1
V: 100 ml	t:30 s	P: 200,0 ml/min
	0/1	🖫 ↵
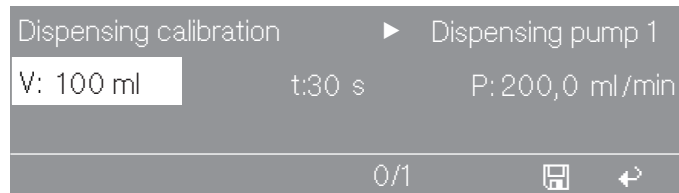
■ Enter the amount measured in the V: field.

The throughput P is calculated in ml/min by the controls.

■ Press the 🖫 "Save" function button.

The measured value is assigned to the pump.

■ Reattach the hose.

Cleaning and maintenance of the dispensing system

Rinse the dispensing system through with hot water every 2 weeks, or before shutting the dispenser pumps down for any length of time, to avoid the system getting clogged up and corroded.

■ To do this, rinse out the siphons with water.

■ Put the siphons in a container with warm water (104 - 122 °F / 40 - 50 °C).

■ Activate the dispenser calibration switch in each pump, until the dispensing system is rinsed through.

■ Check the connections, hoses, dispensing sockets and seals for leaks.

Peak-load negotiation

When the peak-load function is activated, the heating is deactivated and the program stopped.

■ Activate the peak-load function.

The following message appears in the display:

1	Hot Wash
Program stop - Peak load function	
Program will continue.	
✍	⊘
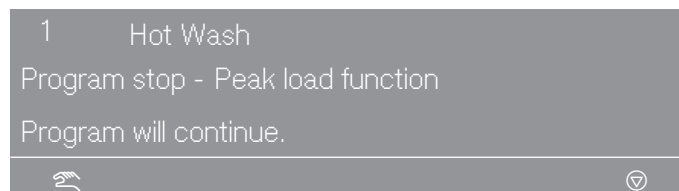
The program is resumed automatically when the peak-load function finishes.

Communication module

The machine can be connected to a PC (personal computer) using the communication module.

The slot for the communication module is located on the back of the machine.

Optional modules

An Editor program is available for this from your sales and service center or your Miele dealer.

Operating data

With the Operating data module, Operating data can be read or deleted via the ☰ "Operating data" button either before program start or at the end of the program.

1	Cottons Hygiene	90 °F
2	Cottons	60 °F
3	Cottons Intensive	60 °F
✋	☰	↦⇄ ↵

- Press the ☰ "Operating data" button.

When the ☰ button is pressed, the following appears in the display:

Operating data module
Total data
Program data   ▼
☰   ↵
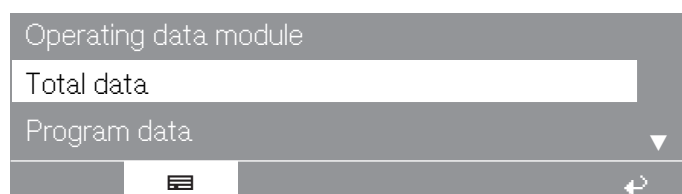
You have the following options:

- Total data

  Data from all programs is collected and added together in Total data.

- Program data

  Program data is data which is recorded during a program.

- Delete data

- Module (delete total data and program data)

- Total data (only delete total data)

- Program data (only delete Program data)

Tip: The function can be deselected by pressing the ☰ "Operating data" button again.

> If the data storage capacity in the Operating data module is full, a message appears when the "START" button is pressed to inform you that Operating data will be overwritten.

Tip: If the ↩ "Back" button is pressed or if the "START" button is not pressed within 30 seconds, the program will not start and the display appears as before program start.

Total data

Operating data module	
Total data	
Program data	▼
▤	↵
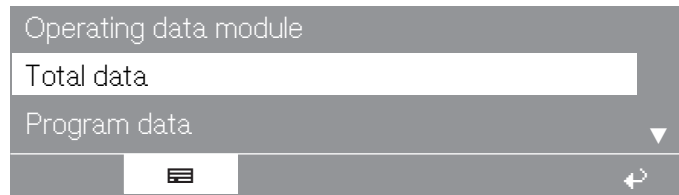
■ Select the Total data menu option.

After selecting Total data (for example), the following appears in the display:

Operating data module	▶ Total data
Total time power on	: 200.987 h
Operating hours	: 123456 h ▼
▤	↵
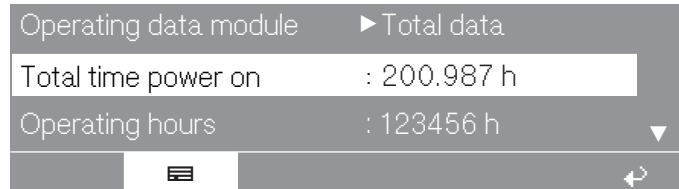
Additional options:

- Total time power on: 200,987 h

- Operating hours: 123,456 h

- Total heater hours: 73,456 h

- Total machine hours: 93,456 h

- Program starts: 23,456

- Program stops: 567

- Program cancellations: 67

- Water amount: 1,234,567 l

- Load: 1,234,567 lb (kg)

- Dispensing agent: 2,345 l

- Energy: 12,345,678 kWh

Optional modules

Program data

Operating data module	
Program data	▲
Delete data	▼
▤	↵
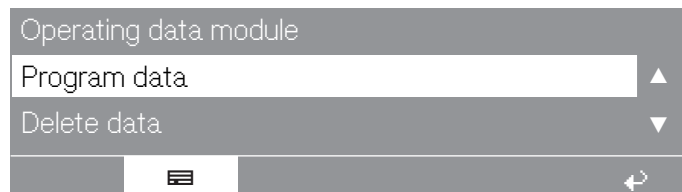
■ Select the Program data menu option.

After selecting Program data (for example), the following appears in the display:

Operating data module ▶ Program data		
1 Cottons Hygiene	90 °F	▲
2 Cottons	60 °F	▼
▤		↵
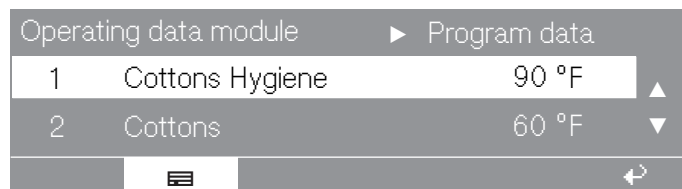
■ Select the relevant program from the program list and confirm your selection by pressing the selector dial.

A list of all program starts of "Program ▶ 1" will then appear with the date and start time.

Program data ▶ 1 Cottons Hygiene		
Date : 21.05.2020 Start time: 11:30		▲
Date : 21.05.2020 Start time: 12:30		▼
▤		↵

■ Select the program start you want from the list of all "Program ▶ 1" program starts and confirm your selection by pressing the selector dial.

Program data ▶ 1 Cottons Hygiene	
Date : 21.05.2020	
Name : Müller	▼
▤	↵

Additional options:

- City: Lehrte
- Serial number: 12345678
- Machine type: PW 6321
- Load: 29 lb (13 kg)
- Block plus button: pressed
- Starch stop button: pressed
- W/o spin button: not pressed
- Program start: 11:30
- Program finished: 12:05
- Total operating time: 0 h 35 min
- Electrical energy: 12.5 kWh
- Gas energy: 0 kWh
- Steam energy: 0 kWh
- Total water amount: 140 l

- Max. wash water temp.: 200°F (95°C)
- Max. drain water temperature: 115°F (45°C)
- Program change: 2 (after selecting and pressing the selector dial, only the last 3 stops and 3 starts are displayed.)
- Program fault: none (only the last 3 faults are saved.)
- Area 1: **Pre-wash** (after selecting and pressing the selector dial, the area and the block can both be changed.)
- Block 1: **Pre-wash**
- Running time: **6 min**
- Water amount: **20 l**
- Dispensing phase 1: **Amount ml** (after selecting and pressing the selector dial, the 6 dispensations are displayed.)
- Max. temperature: **54°F (12°C)**
- Holding time: **6 min**
- Dispensing phase 2: **No**

Optional modules

Delete data

| Operating data module |
| Program data |
| Delete data ▼ |
| ▤ ↵ |
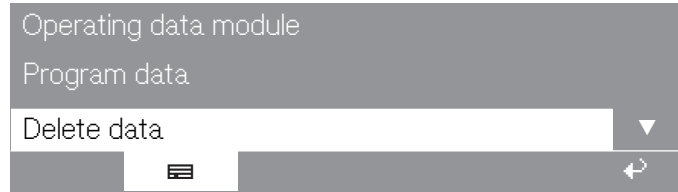
■ Select the Delete data menu option.

After selecting Delete data, the following appears in the display:

| Operating data module ▶ Delete data |
| Module : 21.02.2020 |
| Total data : 12.07.2020 ▼ |
| ▤ ↵ |
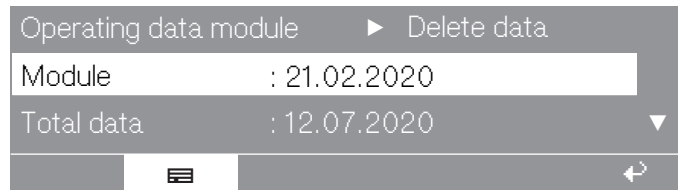
With the Module menu option, the Total data and the Program data will be deleted from the Operating data.
With the Total data menu option, only the Total data will be deleted from the Operating data.
With the Program data menu option, only the Program data will be deleted from the Operating data.

■ Rotate the selector dial to select one of the menu options and press the selector dial to confirm the selection.

A prompt to enter a password then appears.

| Password: |
| ABCDEFGHIJKLMNOPQRSTUVWXYZ |
| 0123456789 |
| i 🖫 ↵ |
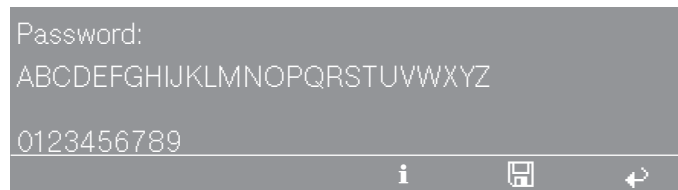
■ Enter the password or insert the card for supervisor level.

The menu option is accessed and an additional security question appears.

| |
| Delete operating data? |
| |
| 🖫 ↵ |
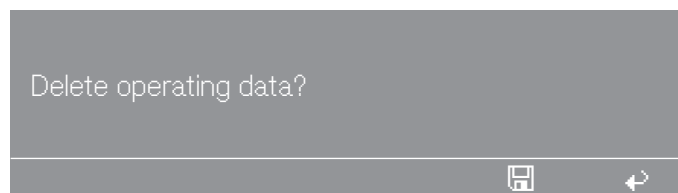
■ Press the 🖫 "Save" button.

The data is deleted.

Weighing system/weighing base

If the machine is equipped with a weighing base, the load weight is displayed in 0.5 lb (0.2 kg) increments during loading. The maximum load weight for the selected program is displayed beside it.

Resetting the load display to zero

Do not place any items on the machine. Do not lean against the machine.
This can influence the result of the measurement.

If the load display does not show "0.0" with an empty drum, set the display to 0 using the ⇥I⇤ button.

1	Cottons Hygiene	0,0/18,0 lb
140°F	Main wash	
	Rinse	1075 rpm
+⊔	⊞	∅ ⏱ ->|<- ↵
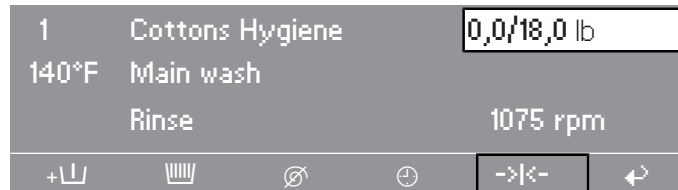
■ If after resetting to 0 (taring), you discover an overlooked item in the drum, the following will appear in the display:

1	Cottons Hygiene	--,-/18,0 lb
140°F	Main wash	
	Rinse	1075 rpm
+⊔	⊞	∅ ⏱ ->|<- ↵
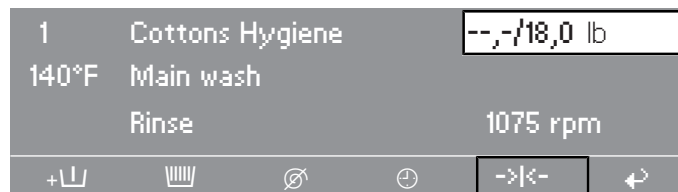
■ Reset the display to 0 using the ⇥I⇤ button.

Tip: If the machine is overloaded, for example when laundry is wet, it will operate in accordance with the nominal load after the program starts. This value is also saved in the operating data module.

At the end of the program when the drum has stopped rotating, the residual moisture in the laundry is shown in the display.

1	Whites		
Programmende		Residual	60 %
Door can be opened.		moisture	
	⏱	⮡⇄	↵
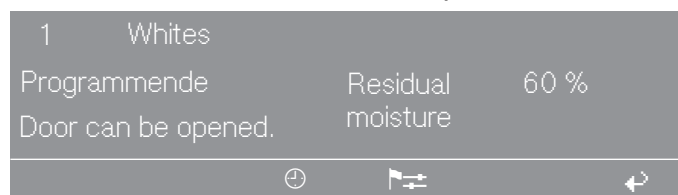
The drum door cannot be opened.

■ Press against the door handle, turn the machine off and on, and then pull the door handle again.

The safety catch of the door handle is disengaged
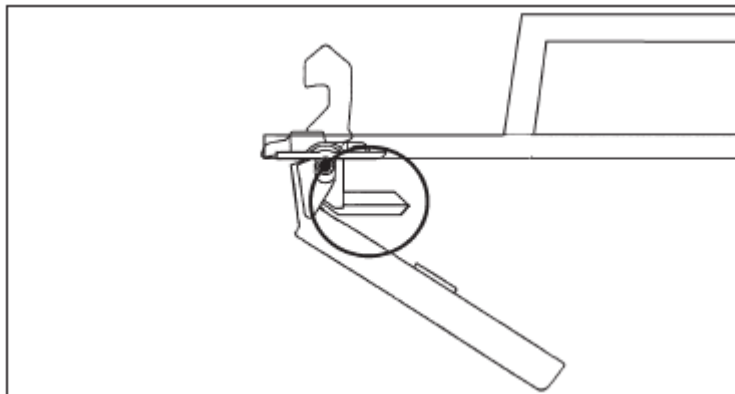
The door handle has stopped working. It is no longer possible to open or close the drum door.

> The disengagement of the safety catch is intended to prevent damage to the door handle and lock in case of forced opening of the drum door.
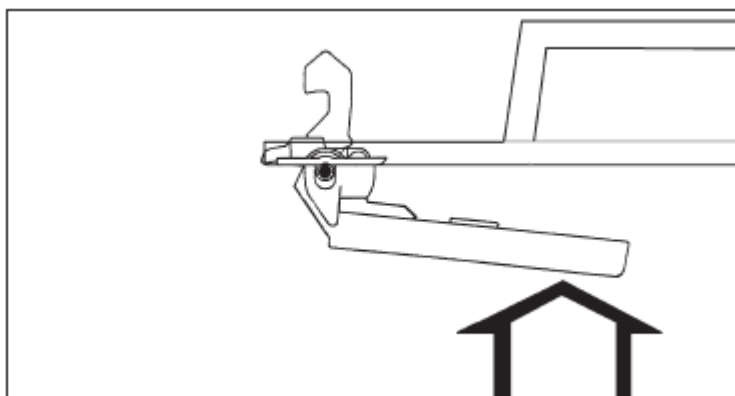

■ Press firmly against the door handle until the safety catch audibly engages.

The drum door can be opened again (provided there is no water in the machine) or closed.

Power failure during the wash cycle; opening the door in an emergency

In the event of a brief power outage:

The program stops in the last position reached and the following message appears in the display once the power supply has been restored:

> **Power failure**
> Program stop.
> Press Start.
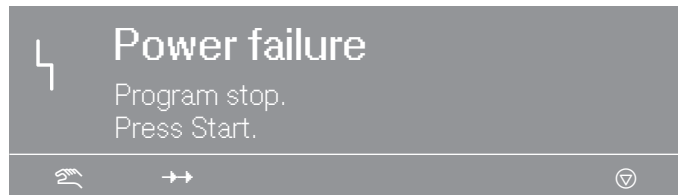
■ Press the "START" button and the program will continue.

Frequently asked questions

In the event of a longer power failure

■ Switch off the machine.

■ Switch the machine off with the on-site power switch.

■ Close the on-site shut-off valves for water or steam.

> To remove the laundry, first open the drain valve manually and then manually unlock the drum door.

①
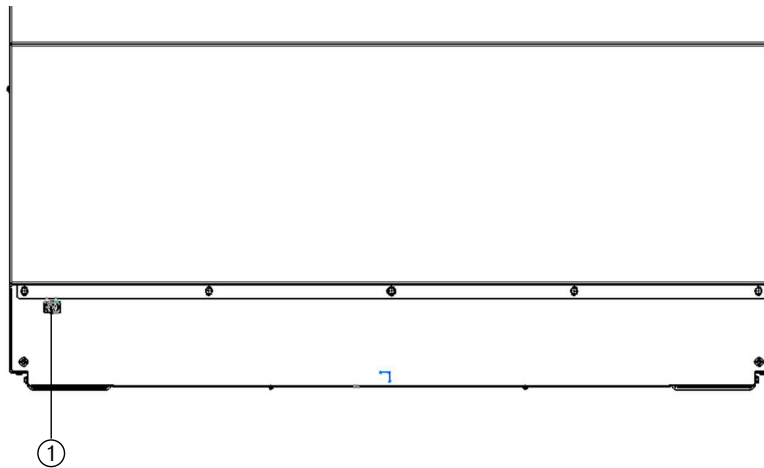
■ Insert a screwdriver through the eye ① on the front of the machine.

■ Open the drain valve by pulling the eye.

■ Keep pressing the eye until the suds have drained away completely.

The suds will drain away.

> The emergency drain closes automatically when the screwdriver is removed from the slot.

■ Then retighten the bleed screw and check for leaks (open the water shut-off valve).

■ First insert the screwdriver into the opening next to the door lock, press it in, and hold it. Press against the door handle with your right hand and then pull the door handle to open the drum door. Never use force to open the drum door!

■ Remove the laundry.

Possible reasons for increased levels of foaming

Detergent type

■ Only use detergent suitable for use in commercial washing machines. Domestic laundry detergent is not suitable.

Too much detergent

■ Dispense detergent following the instructions on the packaging and in accordance with local water hardness.

Detergent creates too much foam

■ Use a lower foaming detergent or contact your detergent application specialist.

Very soft water

■ In areas with water hardness level 1, add less detergent in accordance with the detergent manufacturer's instructions.

Soiling level of the laundry

■ For lightly soiled laundry add less detergent in accordance with the detergent manufacturer's instructions.

Residues, e.g., detergent left on laundry

■ Run an additional pre-rinse without detergent and without selecting a temperature. Laundry which has been pre-treated before washing must be thoroughly rinsed before running a wash program.

Small loads

■ Reduce the amount of detergent dispensed according to the size of the load.

Drum speed too high during the wash (Profitronic controls)

■ Reduce the drum speed and wash rhythm.

Large items stretched during spinning

Large items (e.g., tablecloths) can get stretched during spinning. This can mostly be prevented by reprogramming.

Please contact Customer Service.

Service interval and DGUV display

If the following message appears in the machine display after "Power on", either a service or the annual DGUV check must be carried out.

> ⚠ **Maintenance interval**
> Call Technical Service.
> ↵

> ⚠ **DGUV test**
> Call Technical Service.
> ↵
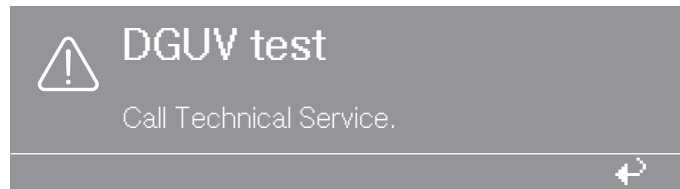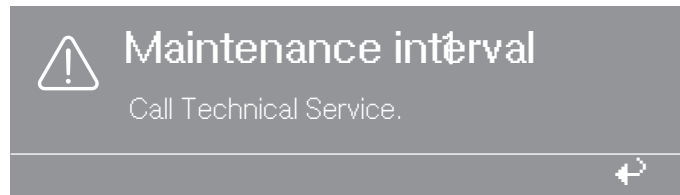
The display will go out after 5 seconds.

> ⚠ Repairs to electrical or steam-heated machines must only be undertaken by a suitably qualified specialist. Incorrect repairs can cause considerable danger to users.

- Malfunctions occurring before or after the start of a program will be shown in the display.

The display remains dark. There is no power to the washing machine.

- Check the electrical plugs, power switch, and (on-site) fuses.

> ∟ **Power failure**
> Program stop.
> Press Start.
> ⊽
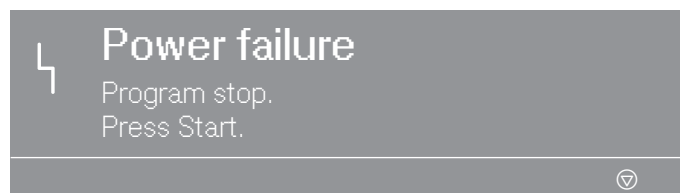
- Once the power has been restored, press the "START" button.

Tip: This error message can mean: The winding protection of the drive motor has been triggered.

- Allow the motor to cool down.

> ⌂ **Water intake fault**
> Call Technical Service
> if restart w/o success.
> ⟲   ⊽
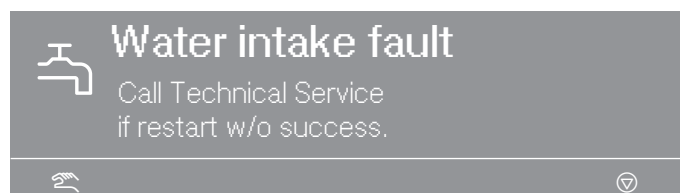
- Check the faucet and press the "START" button.

> **Door lock fault**
> Call Technical Service
> if restart w/o success.

■ Press firmly against the door handle until the door lock audibly engages and press the "START" button.

> **Heating system fault**
> Program stop. Press Start.
> Program runs with cold water.

■ Press the "START" button to continue the program without heating.

Tip: Disinfection programs will be canceled if this fault message appears.

■ Contact Customer Service.

> **Drive motor fault**
> Program stop. Press Start.
> Motor temperature too high.

■ Allow the motor to cool down.

> **Imbalance fault**
> Call Technical Service
> if restart w/o success.

Too large an imbalance. The imbalance switch has been triggered.

■ Switch the machine off and back on again and press the "START" button.

> **Drain valve fault**
> Call Technical Service
> if restart w/o success.

■ Check the on-site drainage system and press the "START" button.

A defective drain valve must only be repaired by Customer Service.

> **Dispensing system fault**
> Fill dispensing container ??. Press Start.

■ Change the dispensing canister.

Frequently asked questions

> ⚠ **Card fault**
>
> Reinsert card correctly in card reader.
>
> ↵
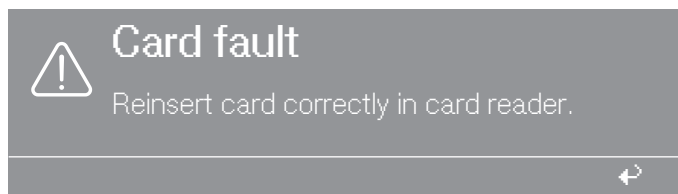
∎ Insert the card into the card reader correctly.

Customer Service

In the event of a malfunction, contact Customer Service.

When contacting Customer Service, please quote the model, serial number (SN), and material number (mat. no.) of your machine. This information can be found on the data plate. The data plate is visible in the door ring when the drum door is open, or on the back of the machine at the top:

Model	
SN:	/ o o o o o o o o
Art.-Nr.	Mat.-Nr.
IBN	

Symbol icon

Please also tell Customer Service the fault message that appears on the machine display.

Use only original Miele spare parts. Customer Service will also require the model, serial number (SN), and material number (mat. no.) when ordering.

Cleaning and care

- Carry out cleaning and maintenance of the washing machine after use if possible.

> Do not use a pressure washer or water jet to clean the washing machine.

- Clean the **machine casing, control panel, and plastic parts** with a mild, non-abrasive cleaning agent or with a soft, damp cloth only. Wipe dry with a soft cloth.

> Scouring agents will scratch the surface.

- Clean stainless-steel parts of the casing with a standard commercial stainless-steel cleaner.
- Remove any deposits from the door seal with a damp cloth.

> Cleaning agent can seep into electrical components.

- When disinfecting the surfaces, use a damp cloth only to clean the front and around the door lock. Do not spray any liquids.

Tip: Heavy deposits of dust around the vents housing should be removed with a vacuum cleaner. The fan housing is located on the back of the machine.

Build-up of rust

The drum is made of stainless steel. Water or foreign objects containing ferrous substances (e.g., paper clips, metal buttons, or metal swarf) which are placed in the machine with the laundry can cause a build-up of rust in the drum. Clean the drum regularly in this case and if rust occurs, remove it immediately with a proprietary stainless steel care product. Check the door seals for ferrous residues and clean thoroughly as described above. This must be carried out regularly.

Cleaning the detergent drawer, detergent compartments, and siphons

■ Clean the detergent drawer and the detergent compartments thoroughly with hot water as required to remove detergent residues and incrustations.

■ If the machine is not going to be used for a long time, leave the flap of the detergent drawer open.

■ Also clean the siphons in the compartments for cleaning agents.
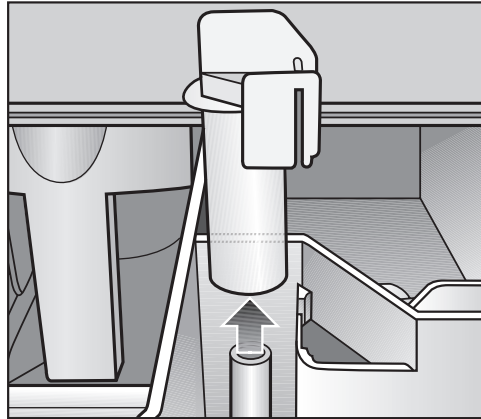
■ Remove the siphon. Clean the siphon with hot water and reinsert it.

Cleaning and care

Cleaning the drip channel and siphon

■ Open the flap on the detergent drawer to an angle of 45° and lift out the flap of the detergent drawer on the right side.
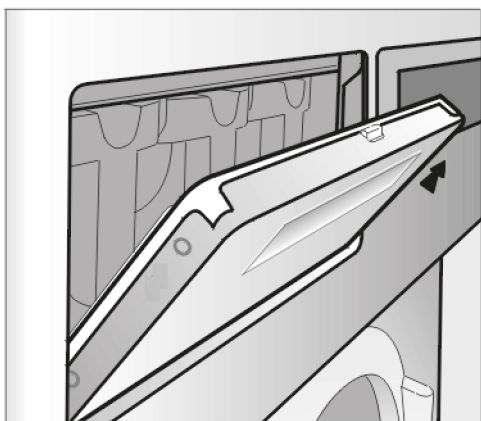
If the drip channel and associated drain connection are blocked, clean them.

■ Check the vapor extraction grille on the rear of the machine for soiling from time to time and clean when necessary.
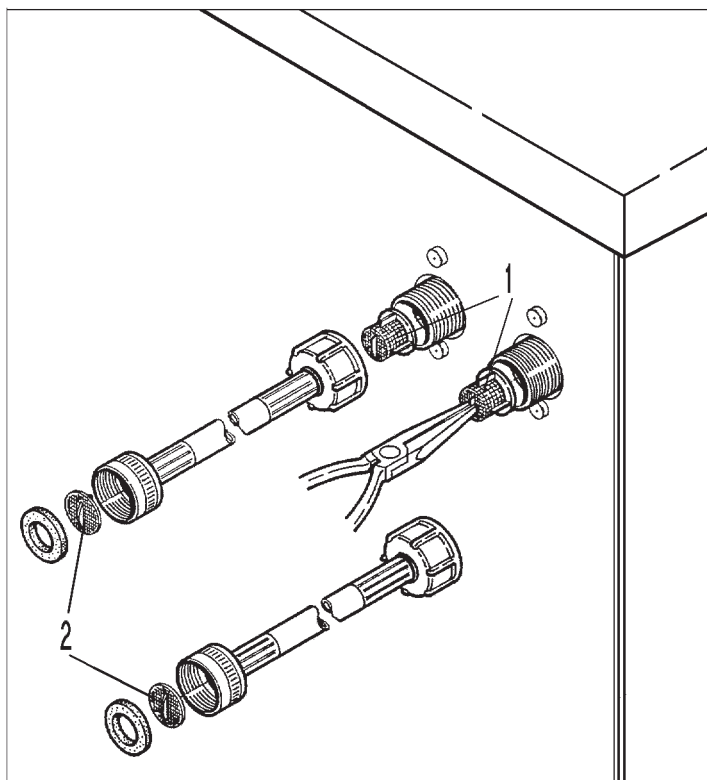
■ The filters in the water intake valves (1) and the inlet hoses (2) must be checked for soiling from time to time and cleaned as necessary.

Drum shaft bearings

Once the service interval has been reached, the following message appears in the display:
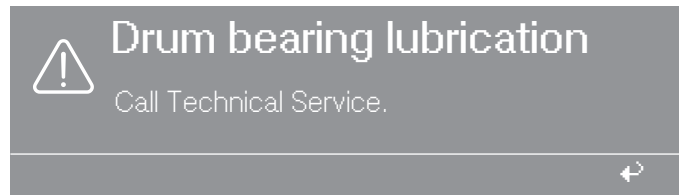
This message is removed by pressing the ⏎ button. It appears after switching on the machine until the service technician has performed this work.

⚠ Disconnect the machine from the electrical supply.
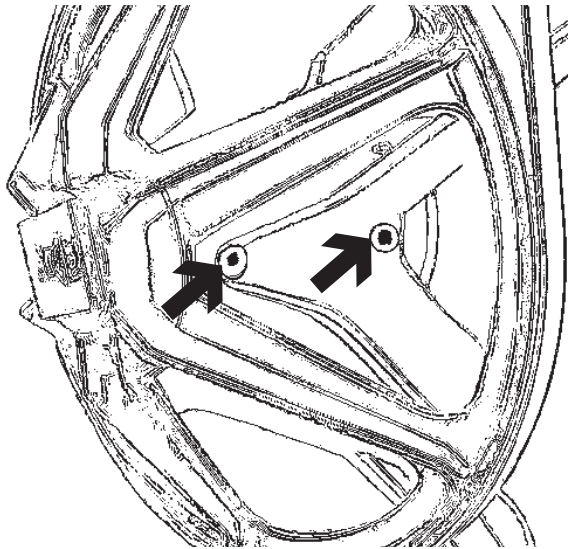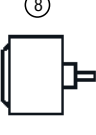
Use grease nipples to lubricate the drum shaft bearings with Arcanol L 100 grease after approx. 1,000 operating hours.

Downtimes

If the machine is to be shut down for an extended period (4 weeks or more), grease the drum bearings in accordance with the maintenance instructions before shutting down the machine and rotate the drum a few revolutions. Repeat this drum rotation every 4 weeks to prevent bearing damage.

Data plate

MODEL	
SERIAL NUMBER	
DATE OF MANUFACTURE	
ARTICLE NUMBER	
MATERIAL NUMBER	
POWER SOURCE	
TOTAL AMPS	
MINIMUM CIRCUIT AMPACITY	
MAX. FUSE (TIME DELAY FUSE)	
DESIGN PRESSURE HIGH SIDE: MAX. HOT WATER INLET TEMPERATURE: MAX. HEAT INPUT RATE:	

① Model

② Serial number

③ Item number

④ Material number

⑤ Voltage / frequency

⑥ Control fuse

⑦ Drive motor

⑧ Drum data

⑨ Drum diameter / drum depth

⑩ Spin speed

⑪ Drum volume / laundry dry weight

⑫ Kinetic energy

⑬ Ramp-up time

⑭ Braking time

⑮ Heating

⑯ Designation / year of construction

⑰ Commissioning date

⑱ Electric heating

⑲ Fuse (on site)

⑳ Indirect steam heating

㉑ Direct steam heating

㉒ Gas heating

㉓ Field for certification marks / identifiers

Sound emissions

A-weighted noise power level

	Washing	Spinning
PW 6241	60 dB	82 dB
PW 6321	60 dB	80 dB

measured according to EN ISO 9614-2

Installation

> The washing machine must be installed by a Miele service technician or by an authorized dealer.

> ⚠ This washing machine is only intended for items of laundry that have not been proofed with dangerous or inflammable substances.

Remove packaging carefully with a suitable tool.

The washing machine must be level and secured to the floor (see the installation plan provided).

To avoid the risk of frost damage, the washing machine must not be located in rooms which may be subject to very low temperatures.

Do not place the washing machine on carpeted floors if the carpet may block the ventilation openings on the bottom of the casing.

Shipping struts
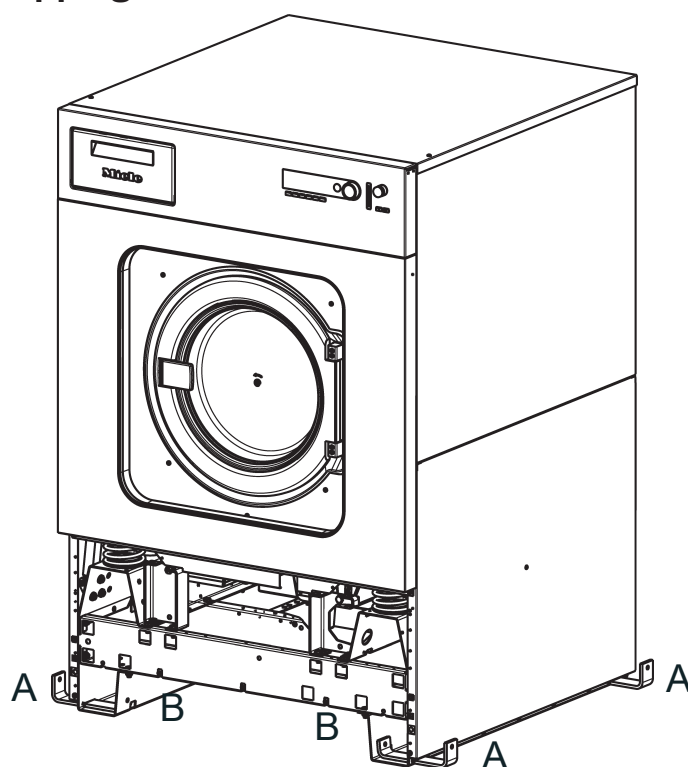
The fastening brackets **"A"** on the sides, 2 each on the left and right, for the transport crate are each fastened with one hexagon head screw and can be removed.
The shipping struts **"B"**, 2 x at the front and 2 x at the rear, are each secured with 3 hexagon head screws and must only be removed at the installation site before the washing machine is commissioned.

To do this, the machine's service panel and rear panel need to be removed. Unscrew the hexagon head screws at the bottom of the front service panel and remove the panel. Unscrew the hexagon head screws on the rear panel and remove the panel.

The front plinth panel is screwed to the rear panel and the rear plinth panel is located under the machine cover and they are both to be mounted after installation. The screws for this are in the accessory pack.
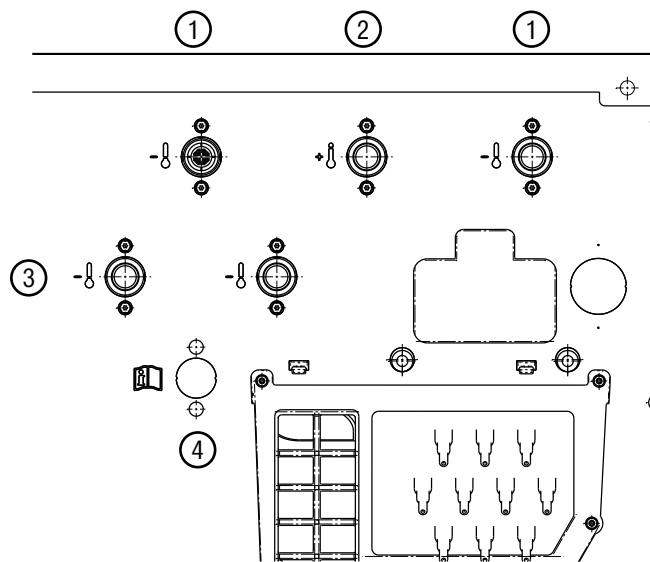
Keep the struts in a safe place. They need to be reinstalled should the machine ever need to be moved again.

Transport the machine on a pallet truck inside the room.

Do not move the machine until all casing parts have been installed.

Water connection

Water connections

① Cold water

② Hot water

③ Hard water/cold water

④ Cold water for liquid dispensing

The connection to the supply line established in accordance with DIN 1988 must be made via a water shut-off valve. This installation may only be carried out by an authorized installation technician in accordance with local and national regulations.

- Regulations set out by the responsible water supplier or regional building regulations.

Connection to the water inlet/ drainage

See the installation plan provided.

Water pressure (flow pressure) of a minimum of 14.5 psi (100 kPa)/ maximum of 145 psi (1,000 kPa) is required to guarantee problem-free program operation.

The machine must be connected to the water supply using the inlet hoses provided.
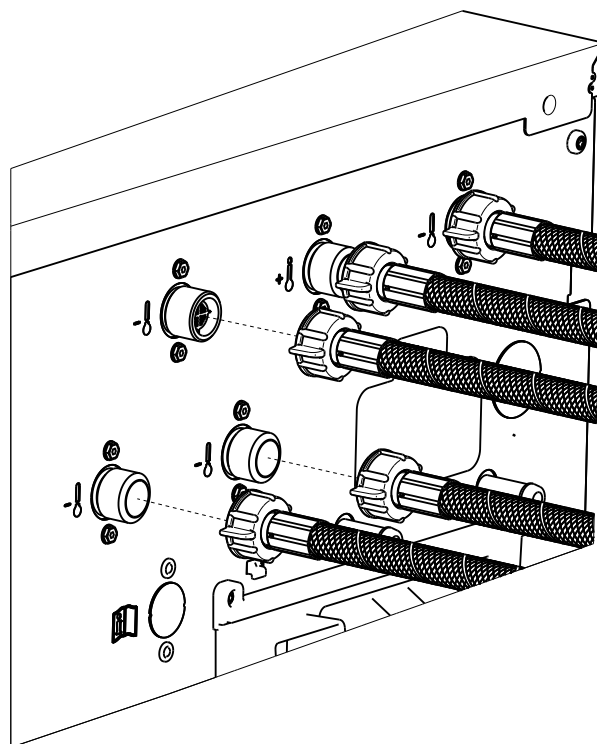
Before attaching the inlet hoses to the machine, the filters and seals included in the accessory pack must be inserted.

Hoses must be replaced with hoses tested for a burst pressure of at least 1,015 psi (7,000 kPa) overpressure and for water temperatures of a minimum of 195°F (90°C). This also applies to the associated connection fittings. Miele original parts meet these requirements.

The temperature of the hot water inlet must not exceed 158°F (70°C) on machines with electric heating (EL).

The temperature of the hot water intake must not exceed 194°F (90°C) on machines without heating (EH) or with reduced heater rating (RH).

The machine must be connected to the water supply using the inlet hoses provided.

Connection to the cold water supply only

- See the installation plan provided.

Use of non-return valves

In Germany, the machine must be connected to the water supply using the non-return valve provided.

According to national regulations for drinking water quality, with effect from March 21, 2021, a non-return valve to prevent backsiphoning must be installed between the faucet and the water inlet hose during commissioning on all machines in Germany. The non-return valve prevents water from the water inlet hose from flowing back into the on-site drinking water supply.
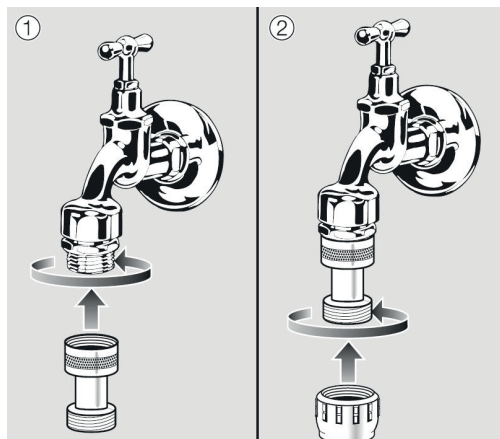
- Attach the non-return valve to the faucet.
- Attach the water inlet hose to the thread of the non-return valve.

Note for Switzerland

A backflow preventer must be installed in accordance with SIA 385.351 / EN 1717 and the recommendations of the SVGW. A standard-compliant backflow preventer can be obtained from your plumber.

Regulations for Austria

Only pipes which comply with § 12 Section 1 of the 1960 Regulation on Execution of the Water Supply Act may be used to connect the machine with the installation location interior.

The use of rubber or plastic tubing as pressure connection piping between the installation location interior and the machine is only permitted if:

- in conjunction with connection fittings, it can withstand a minimum permanent pressure of 1500 kPa (15 bar),
- it is satisfactorily inspected during commissioning, and
- after each use of the machine the water supply is reliably cut off before the rubber and plastic piping and put out of service or cut off from the location interior.

Dispensing-agent connection to the mixer compartment
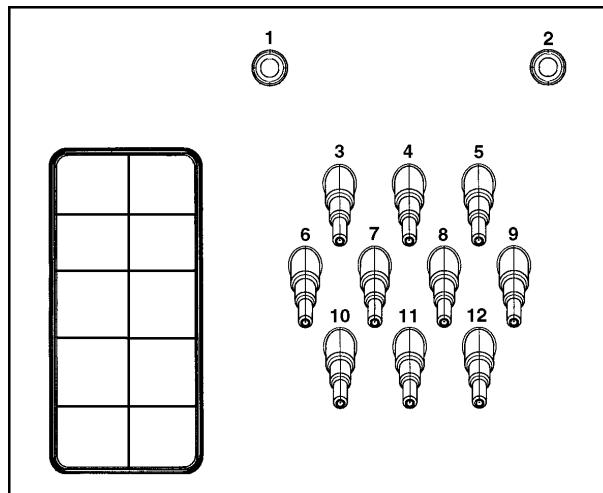
Connections **1** and **2** are provided for viscous agents. These connectors are sealed and need to be drilled open using an 8 mm drill bit.
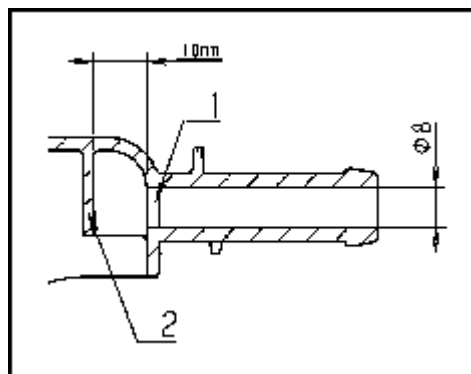
Care must be taken to drill through the first wall (1) only, as there is a deflecting wall (2) 3/8" (10 mm) behind it.

If the drilled-out connections are no longer required, they must be resealed.

Connections **3** to **12** are provided for liquid dispensing. These connectors are sealed and must be cut to the diameter of the hose with a small saw. If opened connectors are no longer required, they must be resealed.

Steam connection

For steam-heated machine variants, the steam connection must only be carried out by an authorized installation technician. The steam valve and the condensate separator are available from Miele Customer Service.

Installation

Electrical connection

The electrical connection must only be carried out by a suitably qualified electrician in accordance with local and national regulations.

When installing a residual current device (RCD), it must be **Type B**.

The electrical components of the machine PW 6241, PW 6321 comply with local codes.

Connection terminals are located behind a cover.

The voltage is stated on the data plate.

For hard-wired machines, an all-pole means of deactivation must be provided on site. Switches with a minimum contact gap greater than 1/8" (3 mm) are suitable disconnectors. These include C/B, fuses, and contactors (VDE 0660).

The plug connector or disconnector must be easily accessible at all times.

If the machine is disconnected from the power supply, the disconnector must be lockable or the point of disconnection must be monitored at all times.

Residual current device (RCD)

For added safety, each machine should be protected by a type B residual current device with a trip current of 30 mA.
The residual current device must be installed so that it is easily accessible.

Equipotential bonding

An ⁇equipotential bond with good contact connection must always be provided in accordance with all national and local regulations.

The minimum liquor level to activate the heater is 4 5/16" ( ) water column.

The motor is protected against overload by winding protection.

Please refer to the wiring diagram and installation plan provided. These plans are important for the electrical connection.

Connecting the dispenser pumps

Connection terminals for 4 time-controlled dispenser pumps, which can be operated without a multifunction module, are located behind the cover adjacent to the electrical connection. See enclosed wiring diagram.

Steam connection

The steam connection may only be carried out by an authorized installation technician. See the installation plan and installation instructions provided.
The steam valve and the condensate separator are available from Miele dealers or Miele Customer Service.

> Once the machine has been successfully installed and connected, reassemble all the casing parts that were removed.

> ⚠ Risk of electric shock and injury from live or rotating machine parts.
> If the washing machine's casing is not fully assembled, it is possible to come into contact with live or rotating machine parts.
> Once the washing machine has been installed, completely reassemble all the casing parts that were removed.

1. Preparing the laundry

Only machine wash items which have a care label stating that they are suitable for machine washing or for wet cleaning.

■ Empty all pockets.

2. Switching on the machine and loading the laundry

■ Switch on the washing machine with the **I** button.

■ Pull the door handle to open the drum door.

■ Unfold the laundry and load loosely into the drum. Mixing both large and small items gives better wash results and helps to distribute the load evenly during spinning.

■ Close the drum door by pressing it until the pre-latch engages.

3. Adding detergent

There are three separate drawers for adding detergent.
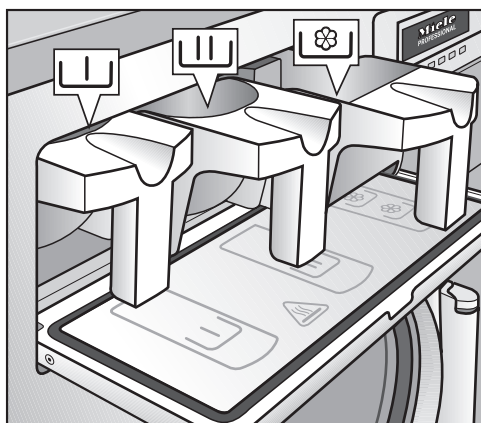
■ Add powder detergent to the ⑪ drawer for the main wash.

■ Add detergent for the pre-wash to the ⑩ drawer if necessary.

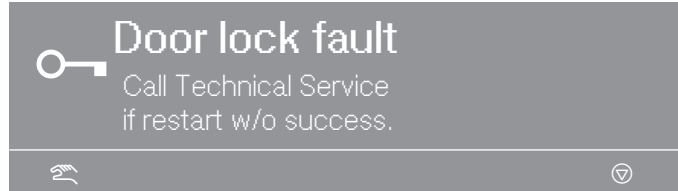■ Add fabric softener to the front ⑧ drawer if necessary.
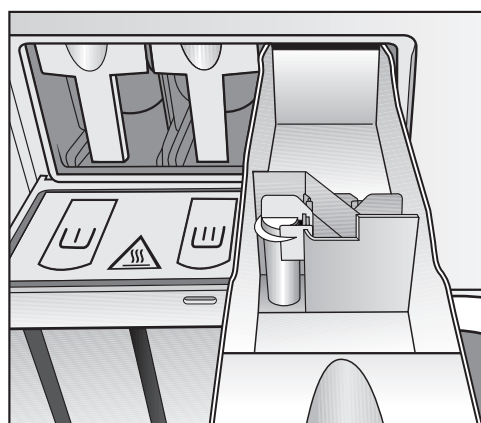
Liquid bleaching agents must only be dispensed through the designated ⑧ drawer.

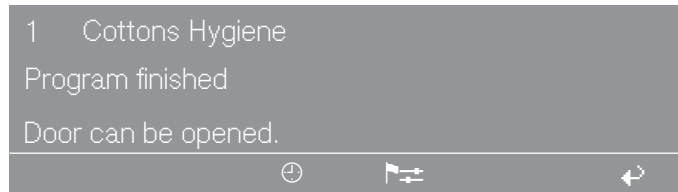### 4. Select a program by rotating the selector dial

5. Press the "START" button to start the selected wash program

If the message "Door lock error" appears, proceed as follows:

- Press firmly against the door handle until the door lock audibly engages.
- Press the "START" button.

6. The end of the program is indicated in the display

- Pull the door handle to open the drum door at the end of the program.
- Remove the laundry.

7. If no additional wash programs are planned:

- Leave the drum door open.
- Switch off the machine with the 0 "Power off" button.

Miele

U.S.A.

Miele, Inc.

National Headquarters
9 Independence Way
Princeton, NJ 08540
Phone: 800-991-9380
www.mieleusa.com/professional
prosales@mieleusa.com

Technical Service & Support
Phone: 800-991-9380
proservice@mieleusa.com

Canada

Importer
Miele Limited

Professional Division
161 Four Valley Drive
Vaughan, ON L4K 4V8
Phone: 1-888-325-3957
www.mieleprofessional.ca
professional@miele.ca

Miele Professional
Technical Service
Phone: 1-888-325-3957
serviceprofessional@miele.ca

Manufacturer: Miele & Cie. KG
Carl-Miele-Straße 29, 33332 Gütersloh, Germany