# WMF COFFEE MACHINES

## Operating instructions




## WMF combiNation *F/ F2*
## Series
## 8700

Edition 6 - Printed in 03.08
Item-No.
33 0914 3000

Congratulations on your purchase of a WMF COFFEE MACHINE.

Its advanced technology, long service life, economy and above all, the quality of the coffee will delight you.

Are you one of those people who don't like reading operating instructions? Please do so anyway!

You will get more pleasure from your WMF COFFEE MACHINE afterwards and will find it was worth it after all.

**In your own interest, please follow all safety and cautionary instructions. This will help to avoid accidents and technical malfunctions.**

**Never entrust the machine to anyone who is not familiar with the operating instructions.**

Keep these operating instructions near the machine. This will allow your operating personnel easy access to information at any time and will enable them to take the appropriate action should any technical malfunctions occur.

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# 1 Designation of machine parts

1 Ground coffee hopper

2 Coffee storage urn

3 Granulate cleaning reservoir

4 Touch screen display

5 Control panel

6 Coffee spout

7 Drip tray

8 Input (cover)

9 On/off key switch

10 Hot water key

11 Hot water spout

12 Height-adjustable front panel (optional)

13 Beverage keys

14 Waiter’s lock (optional)

# 2 General description

The **WMF combiNation *F*** is a coffee machine for automatic preparation of filter coffee and hot water.
Cups, mugs, pots and jugs can be dispensed.

The brewer unit enables 1 and 2 litres of coffee to be prepared. Each fresh brew is transferred to a storage urn, where it is kept hot ready for dispensing.

The (optional) height-adjustable front panel enables jugs up to a height of 280 mm to be filled without any difficulty.

The machine user guide is a graphic touch screen display. By pressing on particular soft keys in the display, you can activate certain machine functions or call up information.

# 3 Warnings

Maximum machine safety is an integral WMF product characteristic to which we pay particular attention.

In spite of all our safety precautions, every machine is potentially hazardous if not operated properly.

This is why – for your own safety – we have summarised the warnings below and highlighted them in grey throughout the instruction manual.

This is why it is important to follow the “Safety instructions” given on page 81.

| | |
|---|---|
| **Important instructions which must be observed for your own safety** | ▪ Connection and commissioning of the coffee machine may only be undertaken by the WMF customer service team. |
| | ▪ Maintenance and repair work on the machine **may only be undertaken by the WMF customer service team using original spare parts.** |
| | ▪ Installed safety devices **must not be altered for any reason**. No parts of the outside of the machine should be removed. |
|  | ▪ **Caution! Risk of being burned and scalded**<br>At the spout where hot water 11 and coffee 6 comes out there is a risk of being burned and scalded. Always ensure that there is container placed under the drinks spout! Ensure that the container is stable and do not leave it unattended. After switching on it is possible that hot water comes out of the hot water- 11 and coffee spout 6 during the warm brewing phase. Never reach under the spouts while cleaning is in progress. |
|  | ▪ **Caution! Health hazard!**<br>Follow the **precautions on the packaging** when using the cleaning product. The cleaning granulate is an irritant. Cleaning fluid flows out of the coffee spout 6 while cleaning is in progress. The protective panel provided should be fitted (see picture on page 136). Do not leave jugs or cups underneath the coffee spout 6 while cleaning is taking place. Wait until prompted by the display before placing cleaner granulate in the brewer. |
|  | ▪ **Caution! Danger of crushing!**<br>Never put your hand into the ground coffee hopper 1 or the granulate cleaner reservoir 3 when the machine is in use and the power is switched on! |
|  | ▪ **Caution! Electric shock hazard!**<br>Moisture can cause short circuits. It is therefore essential not to allow fluids to enter the inside of the machine housing . **Under no circumstances should the machine be opened up. Never put your hand inside the machine interior or reach inside with a tool.** |

# 4 Safety instructions

1 Always ensure that the main water tap in the supply line is closed when the machine is switched off and that the main power switch outside the machine is off or the mains plug is disconnected from the socket as there is a risk of water escaping from the machine.

2 The installed component approved safety equipment prevents an impermissibly high pressure or temperature increase in the hot water boiler. If the safety valve is actuated one-time then the machine must be switched off at the local main switch and the main stop cock on the drinking water supply line closed. Switch off the machine if any faults arise on the hot water boiler. Inform the WMF customer service team and do not switch on the machine again before the fault has been removed.

3 Do not use the machine in the open air. The water system must be emptied if there is frost.

4 The device must not be sprayed with a water hose. Use of steam cleaning, steam jet devices and similar equipment for cleaning purposes is not permitted. Clean the surface of the coffee machine using a soft cloth or by using products from our WMF care range.

5 The device must be set on a flat, level and secure surface.

6 Do not let children near the machine!

7 Do not use the machine if it does not work properly or if has been damaged

Shutting down the machine – company holidays

1 If the machine is to be shut down for an extended period, a general cleaning should be carried out first and the grouts collector should be emptied. Drain the machine first to prevent frost damage if there is any risk of freezing. A WMF Customer Service Technician must be called promptly in such cases.

2 After several weeks of shutdown for holidays, we recommend that the full automatic cleaning program be run at least twice before the machine is started up again.

**Regulations**

*Refer to rating plate for boiler data.*

The hot water boiler complies with the Pressure Equipment Directive 97/23/EC, Category 1, Module A.

The hot water boiler is subject to neither notification nor licensing. Each hot water boiler is subjected to hydrostatic tests before delivery to the customer.

The **operator** of such plants must ensure that the safety devices are carely serviced and inspected.

The machine complies with all the relevant regulations.

The operator must ensure that the electrical equipment and systems are in safe working order, (e.g. BGV A3).

This device is subject of the directive on waste electrical and electronic equipment (WEEE/EU directive) and may not be disposed of as domestic waste. Please contact your WMF Customer Service for information on proper disposal of the device.



**Preventative measures against suffering damage to the machine**

- There are always operating dangers associated with every technical device, particularly from large fully automatic machines which are operating unobserved.

- We therefore recommend that the operator take reasonable measures to prevent damage occurring to the machine, for example by installing a suitable water hydrant in the drinking water supply on-site.

- If the water used in the machine has a carbonate hardness above 9°, a WMF water filter must be fitted in the supply line. Otherwise limescale can cause damage to the machine.

- Maintenance intervals depend on how heavily the machine is used and on local water conditions, and should be fixed by agreement with your WMF Customer Service Technician. Even in the case of light use, maintenance should be carried out at least once a year and the water filter, if fitted, should be replaced.

# 5 Technical data

| | | |
|---|---|---|
| **Rated power *** | **9.3 kW** | **13.8 kW** |
| **Hourly output **** Filter coffee | 430 cups | 500 cups |
| **Storage urn** | 4.0 litres each | |
| **Hot water output, total** | 72 l/h | 108 l/h |
| **Ground coffee hopper**<br>**Granulate cleaning portioner** | 2.2 kg<br>1.0 kg | |
| **Electricity supply *** | 3/N/PE 50 Hz/400 V | |
| **External dimensions:**<br>Width, single-product machine<br>Width, two-product machine<br>Height with ground coffee hopper<br>Depth | <br>450 mm<br>700 mm<br>810 mm<br>590 mm | |
| **Empty weight:**<br>Single-product machine<br>Two-product machine | <br>Approx. 68 kg<br>Approx. 98 kg | |
| **Continuous sound pressure level (Lpa)*****| < 70 dB (A) | |
| **Heat emission**<br>**Stand-by**<br>**Full load *** | <br>200 W<br>9150 W | <br>200 W<br>13650 W |

Technical data subject to change without notice.

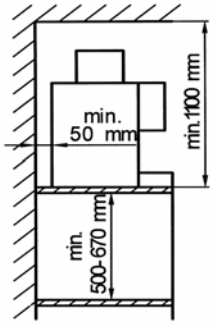
* Values quoted apply to basic version. For special versions, see rating plate.

** The hourly outputs indicated are GUIDELINES and depend, among other things, on the quantity of ground coffee, coffee product, brewing temperature, brewing aperture size, brewing pressure, water hardness and general condition of the machine (e.g. limescale, connections, power, water, sequence, wear, etc.)

*** The A-weighted mean sound pressure level Lpa (slow) and Lpa (impulse) at the operator's workplace is below 70 dB(A) in every operating mode.

# 6 Conditions of use and installation

The machine operator must arrange for the site preparatory work. This should be carried out by approved contractors in accordance with general and local regulations. WMF customer service technicians are only permitted to connect the machine to the prepared connections. They are not authorised to carry out plumbing or wiring work on site and will not be responsible for such work.

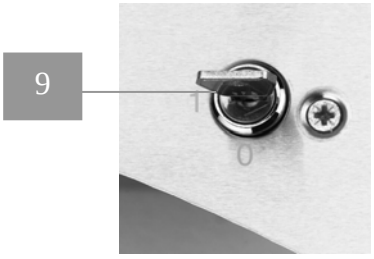
| **Rated power** | **9.3 kW** | **13.8 kW** |
|---|---|---|
| **Connecting cable, site supply *** | 5 × 2.5² | 5 × 4² |
| **Fuse, site supply** | 3 × 16 A | 3 × 25 A |
| **Mains voltage tolerance** | 230 V/400 V + 6 % - 10 %<br>Power cut < 50 ms does not affect machine operation | |
| **Water feed line** | TW15 (DN 15 /1/2") with dirt filter installed by customer, min. 0,2 MPa flow pressure at 8 l/min, max. 0,6 MPa | |
| **Water quality** | **If the local water has a carbonate hardness over 9°, a WMF water filter must be fitted in the supply line.** | |
| **Water drain line** | Min. DN 40 (1 ½"), minimum gradient 2 cm/m | |
| **Ambient temperature** | + 5°C to + 35°C (drain water system in case of frost) | |
| **Max. humidity**<br><br>**Protection** | **80 % rel. humidity without dewing; do not spray machine with water; do not use machine out of doors.**<br>IP 30 | |
| **Installation clearance**<br><br> | For operating, service and safety reasons the machine should be installed with clearance of not less than 50 mm from the back and sides from the building or non-WMF components. A clear height of 1100 mm from the top of the supporting surface should be ensured. The height of the supporting surface from the floor surface should be not less than 700 mm and not more than 900 mm.<br>If the machine connections are to be routed down through the counter, remember also to allow space for the connections. These may restrict the available space below the machine. | |
| **Water filter installation dimensions**<br>**W × H × D** | Standard: 250 × 500 × 400 mm<br>Jumbo: 290 × 670 × 420 mm | |

***** The site electrical system must comply with IEC 364. For greater safety, an earth leakage circuit breaker with a rated fault current of 30 mA to EN 61008 should be fitted in the supply line to the machine. In the vicinity of the machine, for a single-phase connection a shockproof socket and for a three-phase connection a 5-pole CEE/CEKON socket to EN 60309 should be fitted. If the power lead to this machine is damaged, it must be replaced by WMF customer service or a similarly qualified specialist. If the machine is permanently connected on site, an all-pole circuit breaker (main switch) to EN 60947 with not less than 3 mm contact opening should preferably be fitted ahead of the machine. In the case of a flexible connection, the circuit breaker is recommended. The power lead must not be allowed to come into contact with hot components. The main switch and socket are part of the customer's system. The machine must not be installed with a fixed site connection if used with a trolley (mobile station).

# 7 Operation

## 7.1 Starting the machine

Before the machine is started up, the **main shutoff valve** in the fresh water feed line must be opened and the **main electrical switch** supplying the machine must be turned on.




### 7.1.1 Switching on manually

Turn the key switch 9 to position "**1**" (On).

After switching on, the machine heats up to operating temperature (about 5 minutes). The first time a quantity of coffee is selected for storage (see chapter 7.5 on page 89), a hot rinse program is executed.

**Caution!**
**There is a danger of burning and scalding** in the hot water 11 and coffee 6 dispensing area.




During the heating-up phase, the display shows the following:




When the machine has warmed up, the display shows the following:

Coffee cannot be dispensed at this stage. First of all, the ground coffee hopper has to be filled (see chapter 7.2 on page 86) and a quantity of coffee selected for storage (see chapter 7.5 on page 89) before the machine is ready for operation. Fresh coffee is then brewed into the storage urn, ready for dispensing.

In the case of coffee machines for self-service use (see chapter 8.3.5 on page 101), when the machine has warmed up, the display shows the following:




Coffee cannot be dispensed at this stage.

First of all, the ground coffee hopper has to be filled (see chapter 7.2 on page 86) and a quantity of coffee selected for storage (see chapter 7.5 on page 89) before the machine is ready for operation. Fresh coffee is then brewed into the storage urn, ready for dispensing.



### 7.1.2 Switching on via the timer

The coffee machine can be switched on automatically via the “Timer” function in the machine selection menu. Times are assigned to the day of the week and are not controlled by the date.




For settings, refer to chapter 10 Timer functions on page 120.

### 7.1.3 Switching on via display (adjustments to be made by the service team)

By touching the Standby Display (WMF-Logo) the switch-on soft key I appears.



The coffee machine now can be switched on by touching the soft key I. If you have allocated access authorisations (PIN numbers) (see chapter 8.4 on page 103) you will be asked for your PIN number.




## 7.2 Filling the ground coffee hopper

To fill the ground coffee hopper 1 remove the hopper lid and fill the hopper with ground coffee. Then replace the lid to close the hopper. The ground coffee hopper 1 has a capacity of approx. 2.2 kg.




**Note:**
It is important to top up the ground coffee hopper before it is completely empty, to ensure correct operation of the coffee machine.

## 7.3 Beverage key selection and labelling

A total of 4 beverage keys 13 and one hot water key 10 are at your disposal (see chapter 7.7 on page 94).

You can assign each beverage key individually with your chosen coffee beverages.
You will find a master for labelling the beverage keys on our Web site at www.wmf.de. You can use it to design your own labels and print them out on transparencies.

**Note:**
We recommend switching off the machine when changing the labels, to prevent a beverage key being pressed in error.
Otherwise, there is a **danger of burning and scalding.**

You can label the beverage keys 13 as you choose. To do this, press on either the left-hand or right-hand side of the key strip and, while still pressing, slide the key strip out sideways until the key strip comes out of its holder.




Remove the key strip from its holder.



You can now replace the existing labels with labels which you have made yourself. You can print your own labels on plastic, cut to size and insert in place.



After changing the plastic labels, replace the key strip. To do this, insert the key strip into the holder, pressing evenly on both sides of the key strip until it clicks into position into the holder.



## 7.4 Adjusting the height of the front panel (optional)

**Note:**
Front panel height adjustment is only available as an **option**.

When you dispense a cup, pot or mug of coffee, the front panel 12 remains **fully down** all the way to the stop. The key lights in the Cup, Pot and Mug beverage keys are lit, and the key light for Jugs is extinguished.

To fill jugs and containers over 140 mm high, the complete front panel 12 has to be pushed **fully up** all the way to the top. The key lights in the Jug and Hot water 10 beverage keys are lit, and the key lights for Cup, Pot and Mug are extinguished.



**Caution!**
There is a **danger of burning and scalding** in the hot water 11 and coffee 6 dispensing area.

Grasp the lower part of the front panel and slide it all the way up to the top, using gentle pressure. This enables the clear height to be increased to 280 mm.



In addition, the coffee spout 6 can be removed (for instance, to fill insulated jugs) but this is not possible in the case of self-service machines.

**Caution!**
The coffee spout 6 and the hot water spout 11 are hot. There is a **danger of burning**. Beware in the coffee 6 and hot water 11 dispensing area: there is a **danger of scalding.**

**Important:**
For safety reasons, it is not possible to dispense a cup, pot or mug of coffee when the front panel is in the raised position.
The corresponding keys are disabled. On sliding the front panel back to the **fully down** position, the keys are enabled again.

## 7.5 Selection of quantity of coffee for storage

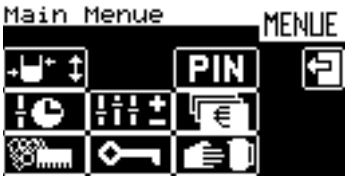
Due to the design of the machine, a quantity for storage has to be selected before coffee can be brewed and dispensed.




The brewer unit in the WMF combiNation *F* allows brew quantities of 1 and 2 litres of coffee to be prepared. One or more brews are carried out until the urn contains the desired quantity.




The following actions are shown on the display:
Storage urn emptying
Storage urn flushing taking place
Brewing taking place (see display on the right)




By pressing the MENUE soft key you can access a second level, where there is a selection menu. The following display appears:

Now press the soft key to select a quantity of coffee to be prepared.
You can also go directly into the quantity of coffee selection by pressing on the storage urn.

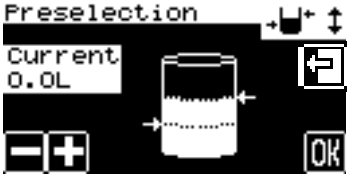
The following quantity preselections are available and can be selected by means of the − + soft keys:

### 7.5.1 Automatic quantity control

There is a choice of 3 alternatives:

Half full,
Full (economy) and
Full (power)

- **Half full**
  Two litres of coffee are transferred to the storage urn to begin with. If the coffee level in the urn falls below 1.5 litres, the WMF combiNation *F* starts automatic refill brewing of fresh coffee (1 litre). Should the coffee level fall below 1.0 litre, coffee dispensing is disabled. No more coffee will be dispensed until refill brewing of fresh coffee has taken place.
  Press OK to confirm your selection.




If you choose "**Half full**" as the quantity preselection, instead of the empty storage urn, the display shows:



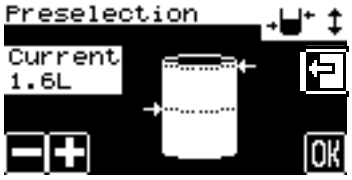

If coffee has already been brewed into the storage urn, the display shows the current level in the urn. In this example, the urn contains 1.6 litres of coffee:




☞ **Note:**
The display of the actual contents of the storage urn has a display tolerance of up to 0.3 litres.

The quantity of coffee currently stored in the urn is displayed in litres in **every** quantity preselection stage (except for coffee machines in self-service operation mode, see chapter 8.3.5 on page 101).

- **Full (power)**
  Four litres of coffee are transferred to the storage urn to begin with. If the coffee level in the urn falls below 2.1 litres, the WMF combiNation *F* starts automatic refill brewing of fresh coffee (2 litres).



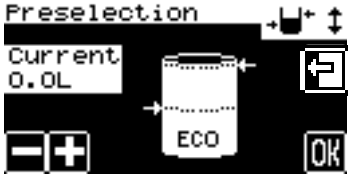

☞ **Note:**
Should the coffee level fall below 1.0 litre, coffee dispensing is disabled.

No more coffee will be dispensed until refill brewing of fresh coffee has taken place.
Press OK. to confirm your selection.




If you choose "**Full (power)**" as the quantity preselection, instead of the empty storage urn, the display shows:

- **Full - economy**
  This is the same version (see "Full power") with a lower hourly output and more economical use of the ground coffee.
  Press OK. to confirm your selection.




If you choose "**Full - economy**" as the quantity preselection, instead of the empty storage urn, the display shows:




☞ **Note:**
Coffee dispensing is briefly disabled during refill brewing.

### 7.5.2 Manual quantity control



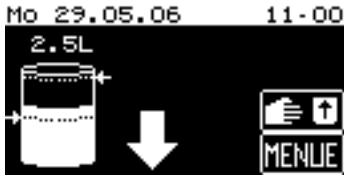

- **1 litre manual**
  One litre of coffee is transferred to the storage urn to begin with. If the coffee level in the urn falls below 0.5 litres, coffee dispensing is disabled. Automatic refill brewing does not take place. In other words, each brew has to be started.

☞ **Note:**
Coffee dispensing is disabled during brewing. The rest of the coffee can then be removed manually (see chapter 8.6 on page 106).

Press OK. to confirm your selection.
If you choose "**1 litre manual**" as the quantity preselection, instead of the empty storage urn, the display shows:




- **High-speed brewing** (adjustments to be made by the service team)
  Brewing of the maximum possible quantity can be activated manually via the display, if required. This setting is activated until touching the soft key again.
  Important: the quantity preselection must be preset to an automatic setting. Brewing will start again automatically just as soon as at least 1 litre of coffee can be removed.




- **Stand-by (zero litres)**
  This setting should be selected if you want to empty the storage urn completely and no refill brewing is required.
  Coffee stored in the urn is dispensed until dispensing is disabled on reaching 0.5 litres.
  Press OK to confirm your selection.




If you choose "**Stand-by (zero litres)**" as the quantity preselection, instead of the empty storage urn, the display shows:



### 7.5.3 Quantity control using the timer




You can program different quantities for brewing and storage at different times as required, by using the Timer function in the machine selection menu. Times are assigned to the day of the week and are not controlled by the date.

For the settings, refer to chapter 10 on page 120.

## 7.6 Coffee dispensing (cup/mug/pot/jug)

Once the ground coffee hopper has been filled (see chapter 7.2 on page 86), the desired storage quantity has been selected (see chapter 7.5 on page 89) and a brew has already taken place and the coffee is in the storage urn 2, the machine is operational and coffee can be dispensed by pressing a beverage key. The display shows the empty storage urn or the symbol for the storage quantity you have selected (see chapter 7.5 on page 89):




If there is no coffee in the storage urn 2 but, the following message is displayed:




**Caution!**
There is a **danger of burning and scalding** in the area of the coffee spout 6.

*Example:* Dispensing a cup of coffee

1. Place a cup under the coffee spout 6.

2. Press the beverage key labelled Cup on the control panel 5.

3. While dispensing is taking place, the green LED (key ring) for the beverage key you have pressed flashes. The other key lights (rings) are extinguished.

4. When the dispensing process has been completed, the machine is ready again for dispensing.

Each cup, mug, pot or jug of coffee is dispensed from the storage urn.

### 7.7 Coffee and hot water dispensing

When the machine is operational, coffee or hot water can be dispensed by pressing one of the beverage keys 13 or the hot water key 10.

**Caution!**
There is a **danger of burning and scalding** in the area of the coffee spout 6 and the hot water spout 11.

Coffee or hot water can be dispensed in three different ways via the coffee spout 6 and the hot water spout 11:

4. **Measured dispensing**
   Press one of the beverage keys 13 or the hot water key 10 to start dispensing coffee or hot water. Dispensing stops automatically when a pre-defined quantity has been dispensed (see chapter 8.3.1 on page 98).




5. **Start-Stop function**
   Press one of the beverage keys 13 or the hot water key 10 to start dispensing coffee or hot water. Press again to stop.

6. **Free flow**
   Coffee or hot water dispensing continues as long as the beverage key 13 or the hot water key 10 is pressed.

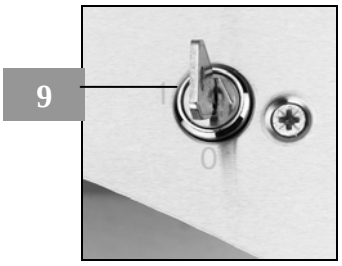
Your WMF customer service engineer will set your preferred alternative for you as required.

### 7.8 Switching off the machine

**Important!**
**Daily cleaning** must be carried out before switching off the machine (see chapter 11.1, **Cleaning the machine**, on page 135).

#### 7.8.1 Switching off manually

Turn the key switch 9 to position "**0**" (Off).




**Important!**
After switching off the machine, the **main shutoff valve** on the water inlet must be closed and the **main power switch** to which the machine is connected must be switched off.

#### 7.8.2 Switching off via the timer

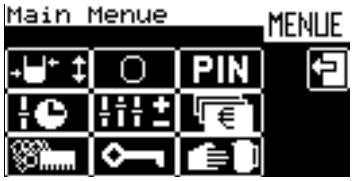
The coffee machine can be switched off automatically via the Timer function in the machine selection menu. Times are assigned to the day of the week and are not controlled by the date.




For the settings, refer to chapter **10 Timer functions** on page 120.

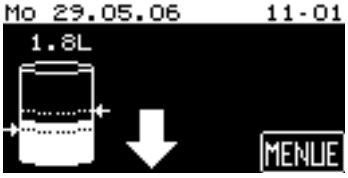
#### 7.8.3 Switching off via display (adjustments to be made by the service team)

The coffee machine can be switched off via display by pressing the O soft key in the main menue. The soft key must be pressed for at least 1.5 sec.
If you have allocated access authorisations (PIN numbers) (see chapter 8.4 on page 103) you will be asked for your PIN number after pressing the soft key MENUE. Required authorisation: cleaning.




## 8 User guide

The machine user guide is provided in the form of a touch screen display 4. When the machine is ready for operation, the following display is shown, or the display for the storage setting selected (in this example, the "Half full setting" with 1.8 litres of coffee in the storage urn):



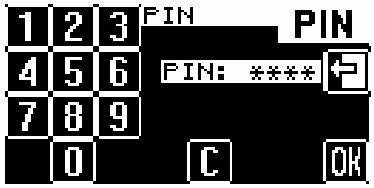
However this does not apply to your coffee machine in self-service mode. In this case, instead of the storage urn, the display shows a large cup (see chapter 8.3.5 on page 101).



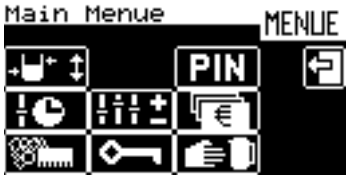

Pressing on the blank area of the display will produce the additional symbol , which can be used to call up user information about the machine, etc.
The symbol additionally appears if a malfunction has occurred.




Pressing the MENUE soft key takes you into a second level, where a selection menu is available. If you have allocated access authorisations (PIN numbers) (see chapter 8.4 on page 103), on pressing the MENUE soft key you will be asked for your PIN number. Key in your PIN number. When the correct PIN number is entered, the selection menu is displayed.




This selection menu allows you to set or alter various settings, depending on your access authorisations. The individual menu items are explained step by step in the following chapters:




- Quantity storage (*see chapter 7.5 on page 89* )
- Cleaning *(see chapter 11 on page 134)*
- Managing access rights (PIN number) (*see chapter 8.4 on page 103)*
- Settings *(see chapter 8.3 on page 98 )*
- Allocation of access authorisations (PIN code) *(see chapter 8.4 on page 103)*
  PIN
- Unit number accounting (*see chapter 8.5 on page 106*)
- Manual dispensing *(see chapter 8.6 on page 106)*
- Timer functions *(see chapter 10 on page 120)*

## 8.1 General symbols

For general menu control, the following symbols are used with the following meanings:

Confirm or start a step or store settings → OK

Back to a previous menu level or quit without saving (exit) ➔

Context-sensitive help or additional information ➔

Clear symbol ➔

Increase or reduce settings ➔

Go to beginning or end of list ➔

Scroll up or down one page of list ➔

Scroll back or forwards through dialogues with several pages ➔

## 8.2 Info

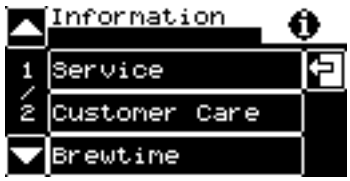
Push the soft key on the display “Ready to operate“ to call up
the menu Information.




The main menu Information offers the following selection options:

**Service**

- Service centre
- Next servicing date
- Software version




**Costumer Care**

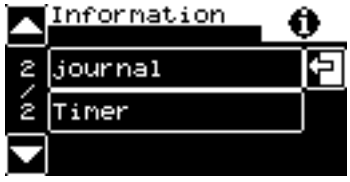
- Journal
  Journal on the last cleaning operation
- Info. about cleaning
  Info. about the last cleaning
- Info. about descaling
  Info. about the last/next descaling
- Info. about the water softener (optional)
  Info about the remaining operating life

**Brewtime**

- Brewtime of the last beverage delivered or last brewing

**Journal**

- Directory of recorded errors and messages
  (for providing support by telephone)




**Timer**

- Info about status of timer (On/Off)
- Info about next switching time.

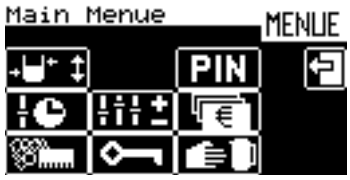
## 8.3 Settings

The machine is ready for operation and the following display is shown, or the display for the storage setting selected:

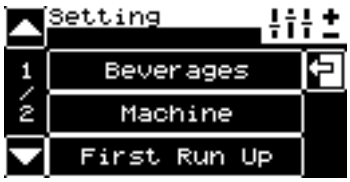


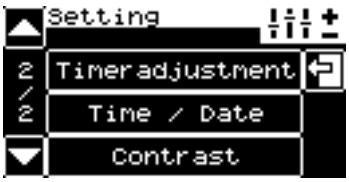

By pressing the MENUE soft key you can access a second level, where there is a selection menu in which settings can be made.

If you would like to change the settings for your coffee beverages, press the soft key in the selection menu.



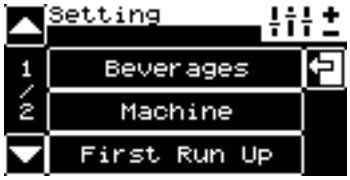

In the menu that follows, you are asked to choose whether you want to alter beverage settings, machine settings, the First run up, timer program, the date/time or the contrast.




### 8.3.1 Setting quantities

To alter the quantity of coffee or hot water for your beverages, in the “Settings” menu:




Start by pressing the Beverages soft key.

The following display appears:




Now select the beverage key 13 on the control panel 5 for the beverage that you would like to change.

You are now in the setting mode for the beverage selected (*in this example, cup of coffee*). You can now alter the quantity of coffee or hot water.




Press the soft key to alter the quantity.

The following display appears:




Press the + or − soft keys to alter the quantity starting from the current setting. The change is displayed both graphically and as a percentage.

By pressing the TEST soft key at any time during setting, you can activate test dispensing to check the selected setting. The following display appears:




Press the cup coffee soft key to start test dispensing.




If there is no coffee in the storage urn, the following message is displayed:




Press the OK soft key to accept the new settings, or press ↩ to quit the setting menu without accepting the changes.



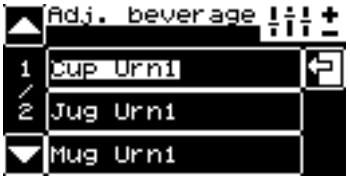

Press the ▶ soft key to scroll to the next settings page.

### 8.3.2 Beverage selection

To set or alter beverage allocation to a beverage key on the control panel, press the Beverage soft key.

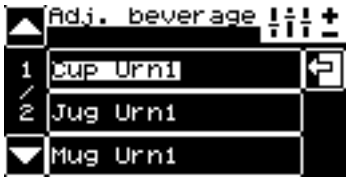



The following display appears. This list contains standard beverage settings, which you can allocate to the individual beverage keys.



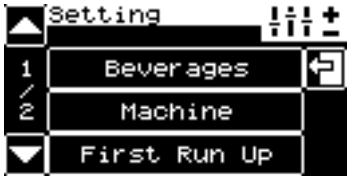

☞ **Important note:**
When you alter the beverage selection, the individual settings are overwritten by the default values for the beverage selected (factory settings). If you only want to alter the settings for a beverage key that has already been allocated, skip this setting step.

If you want to allocate a new beverage name to a beverage key on the control panel, press the description of your desired beverage on the list soft key.



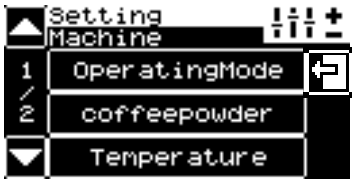

In the example shown here, the beverage selected was "Cup coffee". Press  to quit the setting menu without accepting the changes.

### 8.3.3 Quantity of ground coffee



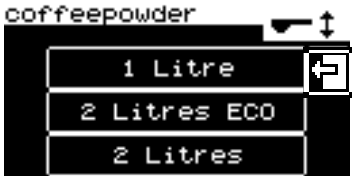

To alter the quantity of ground coffee for your beverages, in the "Settings" menu:

Start by pressing the `Machine` soft key.



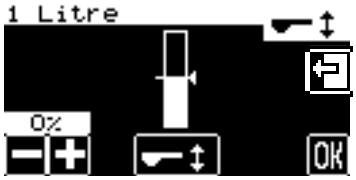

The following display appears:

Press the `Coffeepowder` soft key. The following display appears:



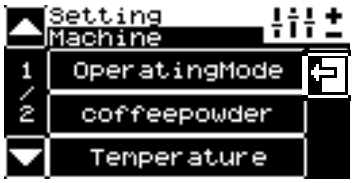

Next, select the brewing quantity for which you wish to set the quantity of ground coffee, for example `1 Litre` .
Settings can be made for the following brewing batches:
1 litre for the setting Half-full and Manual 1 litre
2 litres ECO for the setting Full ECO
2 litres for the setting Full

The following display appears:




Press the + or − soft keys to alter the quantity of ground coffee, starting from the current setting. The change is displayed both graphically and as a percentage. It is only possible to make small changes to quantities. Bigger changes can only be made by WMF customer service.

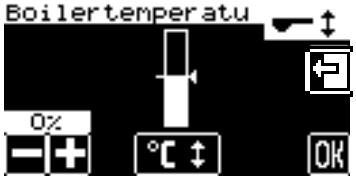
### 8.3.4 Boiler temperature




To alter the boiler temperature, in the "Settings / machine" menu:

Start by pressing the `Temperature` soft key.

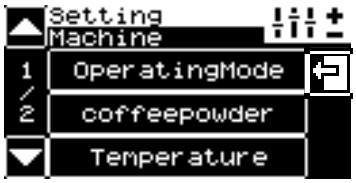
The following display appears:




Press the + or − soft keys to alter the boiler temperature, starting from the current setting. The change is displayed both graphically and as a percentage. Maximum deviations of approx. + 2% / - 3% can be set. Bigger changes can only be made by WMF customer service.

### 8.3.5 Mode (self-service)

To change the mode of operation of your coffee machine, in the “Settings / machine” menu:




Start by pressing the `OperatingMode` soft key.

The following display appears:




If you would like to operate your coffee machine as a self-service machine, press the `SelfServ.Mode` soft key.
If we want the coffee machine to run in self-service mode but still have the storage urn with its contents shown, press on soft key `SS+StC Display`. Note: Settings can then no longer be altered by pressing in the storage urn. Changes in this case must be made via the selection menu and storage stages.

In the following display, you are asked to press OK to confirm your choice.




In self-service mode, the following display then appears immediately, in place of the empty storage urn:



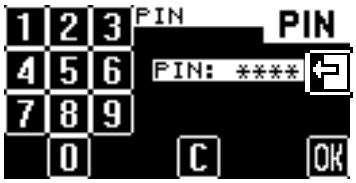

### 8.3.6 Setting the date and time

The machine is ready for operation and the following display is shown, or the display for the storage setting selected:

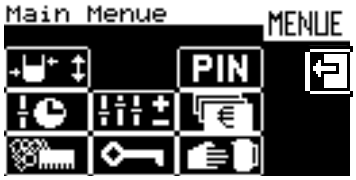



By pressing the MENUE soft key, you can access a second level, where there is a selection menu. Here you can set the date and time.

If you have allocated access authorisations (PIN numbers) (see chapter 8.4 on page 103), on pressing the MENUE soft key you will be asked for your PIN number. Key in your PIN number. When the correct PIN number is entered, the selection menu is displayed.

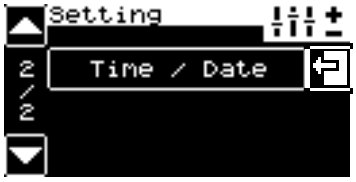



To alter the date and time shown in the display, press the soft key in the selection menu.




To alter the date and time, in the “Settings” menu:

Start by pressing the Time / Date soft key.




In this menu, you can now alter the date (day, month, year, day of the week) and the time (hour, minute) *individually* by pressing the + or − soft keys as appropriate. Then press the OK soft key to confirm the new settings, or press ↩ to quit the menu without accepting the changes.

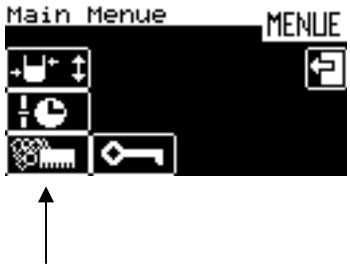


## 8.4 Access authorisations (PIN code)

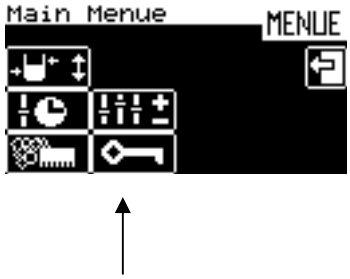
### 8.4.1 System of access authorisations

The access authorisation system featured in the WMF combiNation *F* restricts access to the selection menu, if desired. There are 3 levels of access authorisations:

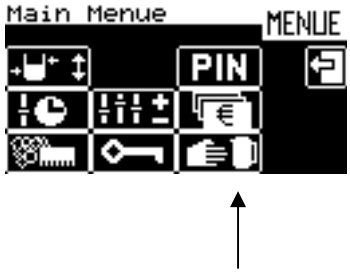
Level 1 `Cleaning`
Setting the quantity of coffee to be stored, switching on / off via display and cleaning . The corresponding soft keys are available in the selection menu. The soft key is additionally displayed. This allows access rights to be extended by keying in the corresponding PIN number.




Level 2 `Setting`
Beverage settings , machine settings and setting the date/time . The corresponding soft keys are available in the selection menu. The soft key is additionally displayed. This allows access rights to be extended by keying in the corresponding PIN number.




Level 3 `Accounting`
Access authorisations (PIN numbers) PIN, unit number accounting and manual dispensing . The corresponding soft keys are available in the selection menu. The soft key is additionally displayed. This allows access rights to be extended by keying in the corresponding PIN number.



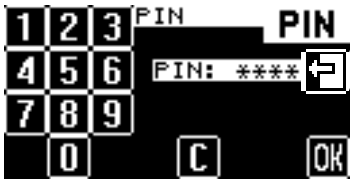

You can allocate your own PIN numbers for levels 1 to 3 (`Cleaning`, `setting`, `Accounting`). The PIN numbers are hierarchical in structure. The PIN number for level 2, for instance, can also be valid for level 1, but not for level 3 (see chapter 8.4.2 on page 104).

### 8.4.2 Changing access authorisations (PIN numbers)

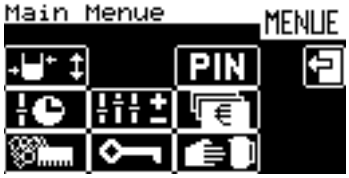



The machine is ready for operation and the following display is shown, or the display for the storage setting selected:

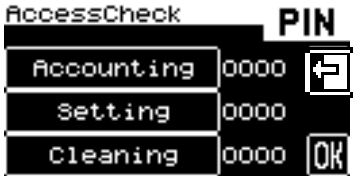
Pressing the MENUE soft key takes you to a second level, where a selection menu allows you to change the access authorisations (PIN numbers).



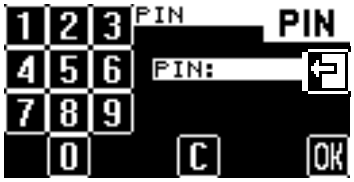

If you have already allocated access authorisations (PIN numbers), on pressing the MENUE soft key you will be asked for your PIN number. Key in your PIN number. When the correct PIN number is entered, the selection menu is displayed. If access authorisations (PIN numbers) has not been allocated, the request for the PIN number is skipped and you enter the selection menu straight away.




If you are authorised to alter or manage the access authorisations (PIN numbers), the following selection menu will appear, including the PIN soft key. If you do not have that authorisation, the PIN soft key will *not* appear.




On pressing the PIN soft key, the access control menu appears, showing the PIN numbers currently set for levels 1 to 3 (Cleaning, Setting, Accounting). In the example shown here, the number is 0000 in each case.




You can allocate your own PIN numbers for levels 1 to 3 (Cleaning, Setting, Accounting). If you wish to change the PIN number for level 1, press the Cleaning soft key in the access control menu. The following display will appear, in which you can key in the new PIN number. The number keyed in will be displayed in clear. You can correct the captured number, one digit at a time, by pressing the C soft key. Then press the OK soft key to accept the new settings, or press ↵ to quit the menu without accepting the changes.

For example, if you have chosen the PIN number 1234 for level 1 `Cleaning` the following display will appear if no PIN number has been allocated yet for the higher levels 2 and 3. The PIN number for the lower levels is therefore used for the higher levels. In the example shown here, the PIN number 1234 has also been used for level 2 `Setting` and level 3 `Accounting`.




If the PIN number for one level is cleared by keying in the PIN number 0000, the PIN numbers for the lower levels will also be cleared. If the PIN number 0000 is allocated, no PIN number is requested for the corresponding level and access is unrestricted (as a rule, level 1 `Cleaning`).

If you wish to change the PIN number for level 2, press the `Setting` soft key in the access control menu. The following display will appear, in which you can key in the new PIN number. The number keyed in will be displayed in clear. You can correct the number entered, one digit at a time, by pressing the C soft key. Press the OK soft key to accept the new settings, or press  to quit the menu without accepting the changes.




For example, if the PIN number 9876 has been chosen for level 2 `Setting` the following display will appear if no PIN number has been allocated yet for the higher level 3.




If you wish to change the PIN number for level 3, press the `Accounting` soft key in the access control menu. The following display will appear, in which you can key in the new PIN number. The number keyed in will be displayed in clear. You can correct the number entered, one digit at a time, by pressing the C soft key. Then press the OK soft key to accept the new settings, or press  to quit the menu without accepting the changes.

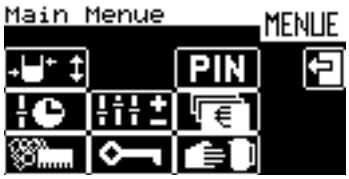



For example, you can select the PIN number 7777 for level 3 `Accounting`.



## 8.5 Unit number accounting

In order to read off the unit numbers dispensed for each beverage, press the soft key in the selection menu.

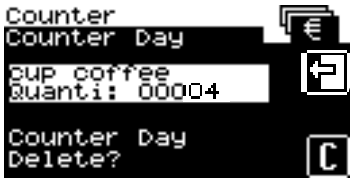



The following display appears:




You have the choice of reading off the daily counter.
In this display, you can now select the beverage for which you wish to read off the daily counter. For example, press the `Cup Urn1` soft key.

The following display appears, showing the precise number of cups of coffee dispensed that day (in this example, 4 cups of coffee):




To reset the daily counter to zero, press the **C** soft key.

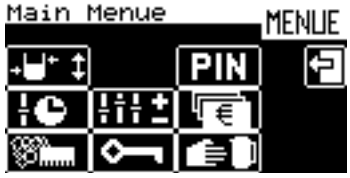
You can also reset all daily counter to zero by pressing the **C** soft key in the general overview.

You can otherwise leave the menu with the key without having deleted the counter for all beverages.

## 8.6 Manual dispensing

**Note:**
If your WMF combiNation *F* does not have a height-adjustable front panel *(optional)*, it is still possible to fill a jug of coffee, by using the manual dispensing mode. To do this, push the coffee spout cover up out of the way and pull the coffee spout down to remove it. A jug of coffee can now be dispensed with the aid of the multi-brew spout attachment (order no. 33 9838.3000). This does not apply to self service machines.

You can use the manual dispensing option to dispense coffee from the storage urn in free flow mode.




**Note:**
The dispensed amount is not counted.

**Caution!**
There is a **danger of burning and scalding** in the area of the coffee spout 6.

The following display appears:




Press the Start soft key to start the draining process. The display shows you how many litres of coffee are currently in the storage urn.




Press the Stop soft key to stop the draining process at any time.

When all the coffee has been drained from the storage urn, the following display appears:



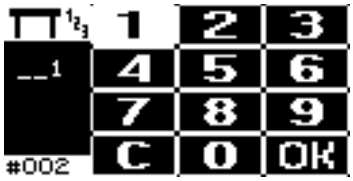
## 8.7 Waiter accounting system

Your WMF combiNation *F* can be fitted with a WMF Waiter Accounting System, in conjunction with the WMF Multicounter or in conjunction with an accounting system (e.g. WMF bar systems).

The coffee machine is equipped with a waiter lock 14 and connected to the accounting unit. Beverages are released by inserting authorised waiter keys and, if table numbers are in use, by inputting a table number in the machine display. Beverages dispensed for each waiter or table number are calculated via the external accounting system.

The following modes are available:

- **Debit mode (waiter self-service):**
  The waiter inserts the authorised waiter key and, if appropriate, enters the table number in order to dispense beverages. If table numbers are in use, the following display appears upon inserting the waiter key:




  The table number can now be entered in the display. Always press OK to confirm the entry. If the table number is already in use by another waiter, the table will appear scored through in the display and beverage dispensing will be disabled:




  Press the C key or remove and re-insert the waiter key to input another table number.

  Details of beverages dispensed, the table number (if in use) and waiter identification are reported to the accounting system.

- **Credit mode:**
  When working in Credit mode, a credit is indicated in respect of beverage dispensing from the WMF coffee machine. In other words, the waiter keys in the beverage sale information at the till. If the WMF coffee machine shows a credit for a beverage, the beverage can be dispensed either freely or by inserting the appropriate waiter key.

☞ **Note:**
A credit is indicated by lighting up of the green key ring.

## 8.8 Vending units

### 8.8.1 Coin checker / token checker

**Using for the first time**

The WMF combiNation *F* can be equipped with a coin checker or token checker for self-service mode.



☞ **Note:**
The coin checker / token checker must only be connected and put into service by WMF Customer Service.

Switch on your WMF coffee machine. The coin checker is now automatically switched on. If the coffee beans hopper or ground coffee hopper is full, then the machine is ready for operation. However, the key lights in the individual beverage keys are **not** lit. The value of the programmed selling price first has to be inserted, before the key lights in the beverage keys released light up and coffee can be dispensed.

☞ **Note:**
The coin checker does **not** give change in case of overpayment. Coins already collected are retained.

The ‘manual dispensing’ softkey in the selection menu in the coffee machine display 4 allows the option of either releasing **all** the beverages or only dispensing a **single** beverage free, e.g. to dispense a jug of coffee.

**Note:**
For security purposes, we **strongly** advise allocating an accounting PIN number to the Free key setting or to beverage release.
(see chapter 8.4 Access authorisations on page 103)

To switch off the coin checker, press the Free key in the display to change over to free dispensing of all beverages. An alternative is to switch the tip switch in the attached housing to “free drinks”.

Coins and/or tokens inserted into the coin checker (coin slot) are collected in the lockable coin box.

The coin checker can be set to 2 different selling prices. If the coin checker fails to operate, press the orange coin return key. The coins or tokens can then be removed from the coin return. If beverage dispensing is disabled, for instance because machine cleaning is taking place, coin acceptance is disabled. Any coins inserted drop down through the return chute.

**Note:**
In the case of **machine malfunction**, for example if there is no water pressure or if machine cleaning is in progress, **coin acceptance is disabled**.

**Note:**
In the case of **malfunctions which effect brewing**, such as an empty coffee beans hopper or ground coffee hopper, coins will still be accepted but **beverage dispensing will not take place**.

**Note:**
In this case, please follow the instructions on your WMF coffee machine display.

| **Dimensions (body)** | |
|---|---|
| Height | 600 mm |
| Width | 170 mm |
| Depth | 498 mm |

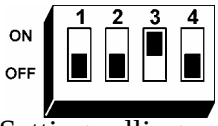
**Settings**

Once the coin checker has been commissioned by WMF Customer Service, you can program your own selling prices.

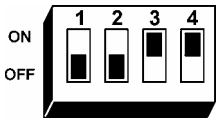
This is done as follows:

First, open the coin box and pull the coin checker housing towards you. On the left-hand side you can now access the dip switches, which you need in order to program the selling prices.

1. Set the dip switches as shown for Price 1 or Price 2:



Setting selling price 1



Setting selling price 2

2. Press the coin return key.
3. Insert coins from the set of coins to the **total value** of the selling price you want to set.
4. Press the coin return key again.

A selling price is now set. Repeat the procedure to set a second price it required. Then set all the dip switches to “OFF” again.

Carry out some trial sales to check the price or the prices you have set.

### 8.8.2 (Chip) card reader

The WMF combiNation *F* can be equipped with a card reader for self-service mode.

☞ The card reader is purchased by the customer and sent to WMF for fitting. The **card reader manufacturer's** specific instructions should always be followed.

Switch on your WMF coffee machine. The card reader is now automatically switched on.

The 'manual dispensing' softkey in the selection menu in the coffee machine display 4 allows the option of either releasing **all** the beverages or only dispensing a **single** beverage free, e.g. to dispense a jug of coffee.

☞ **Note:**
For security purposes, we **strongly** advise allocating an accounting PIN number to the Free key setting or to beverage release.
(see chapter 8.4Access authorisations on page 103).

To switch off the card checker, press the Free key in the display to change over to free dispensing of all beverages.

The card reader can be set up for a varying number of selling prices (depending on the card reader model).

☞ **Note:**
Depending on the card reader model, if a malfunction occurs, the cards may not be accepted. In this case, please follow the error messages in your WMF coffee machine display.

| **Dimensions (body)** | |
|---|---|
| Height | 600 mm |
| Width | 170 mm |
| Depth | 498 mm |

### 8.8.3 Coin changer

**Starting up**

**Note:**
The coin changer must only be connected and put into service by WMF Customer Service.

The WMF combiNation *F*can be fitted with a coin changer for self-service mode.
The attachment described here is an MEI (Mars Electronics International) CF 7000 ®/TM coin changer with a MDB interface.

WMF Customer Service will set up the required beverages and beverage prices and instruct your operating personnel. You can make changes to the beverages or beverage prices yourself.

**Note:**
If faults occur that you cannot correct yourself, call WMF Customer Service. Do not switch the machine on again until the fault has been remedied.

| | |
|---|---|
| Rated voltage | 230 V |
| **Dimensions**<br>Height<br>Width<br>Depth | <br>655 mm<br>190 mm<br>450 mm |
| Weight | approx. 20 kg |

The ‘manual dispensing’ softkey in the selection menu in the coffee machine display 4 allows the option of either releasing **all** the beverages or only dispensing a **single** beverage free, e.g. to dispense a jug of coffee.

**Note:**
For security purposes, we **strongly** advise allocating an accounting PIN number to the Free key setting or to beverage release.
(see chapter 8.4 Access authorisations on page 103).

If the coin changer is switched off at the On/Off switch, all the beverages can also be dispensed free.

**Settings**

- **Filling the tubes with change**

  Press the yellow key  and the "A" key on the coin changer and insert coins via the coin checker. The tubes are filled up to the preset level. Once the levels have been reached, any further coins will be rejected. After filling up, press the "A" key to return to normal mode.

- **Paying out coins /emptying tubes**

  On pressing the keys, one coin is paid out of the corresponding tube each time. If you press the "**A**", "**B**", "**C**", "**D**", "**E**" key for longer than three seconds, the coins will be paid out automatically until only a minimum (the minimum reserve) is left. This minimum is sufficient to operate the pay-out mechanism. To empty a tube or box, you may need to remove the last few coins manually.

- **Automatic emptying to a preset level**

  If your coin changer is programmed for this function, press the keys

   "**A**", "**C**"

  to pay out coins until the levels in the tubes reach the preset levels. If the number of coins already in the tubes is the same as or less than the level, no coins will be paid out.

- **Setting the selling prices**
  There is an input keypad in the coin changer housing. You can use this keypad to change the following items:

| Keys: | Display: |
|---|---|
| **PRINT /ABR** | Beverage Editor<br>Bev. No. 36 >> |
| Enter number of beverages<br>(e.g. on the combiNation *S*)<br>1 6 | Beverage Editor<br>Bev. No. 36 >> |
| **ENTER** Press key to confirm. | Beverage Editor<br>Bev. No. 16 >> |
| >> **(only if a second machine is connected)** | Beverages Slave 1<br>Bev. No. 08 >> |
| >> | Beverage number 01 |

Price 9999.99 €

Enter price of beverage 1 e.g. 1.50 €

0 0 0 1 5 0

Beverage number 01
Price 0001.50 €

Press the **ENTER** key to save the price input.

Price 0000.00 means this beverage is dispensed **free**. Price 9999.99 means sales of this beverage are **disabled**.

If the beverage number is not known, the beverage number can be displayed by pressing the beverage key on the vending unit, whereby one can also change over at the same time to the beverage key whose price should be altered.

Beverage number 02
Price 9999.99 €

Enter the price of Beverage 2 and press **ENTER** once again to confirm. Repeat this procedure until all the prices have been input.

**Caution!**

Use only the >> key to confirm the following displays. Do not make any changes to the settings, as this could cause the coin changer to malfunction. **Any changes must be made by WMF Customer Service only**.

>>

Max. Credit
MP[0] 00.00 € >>

>>

Max. return
MP[1] 00.00 € >>

>>

Tube combination
MP[2] 00 >>

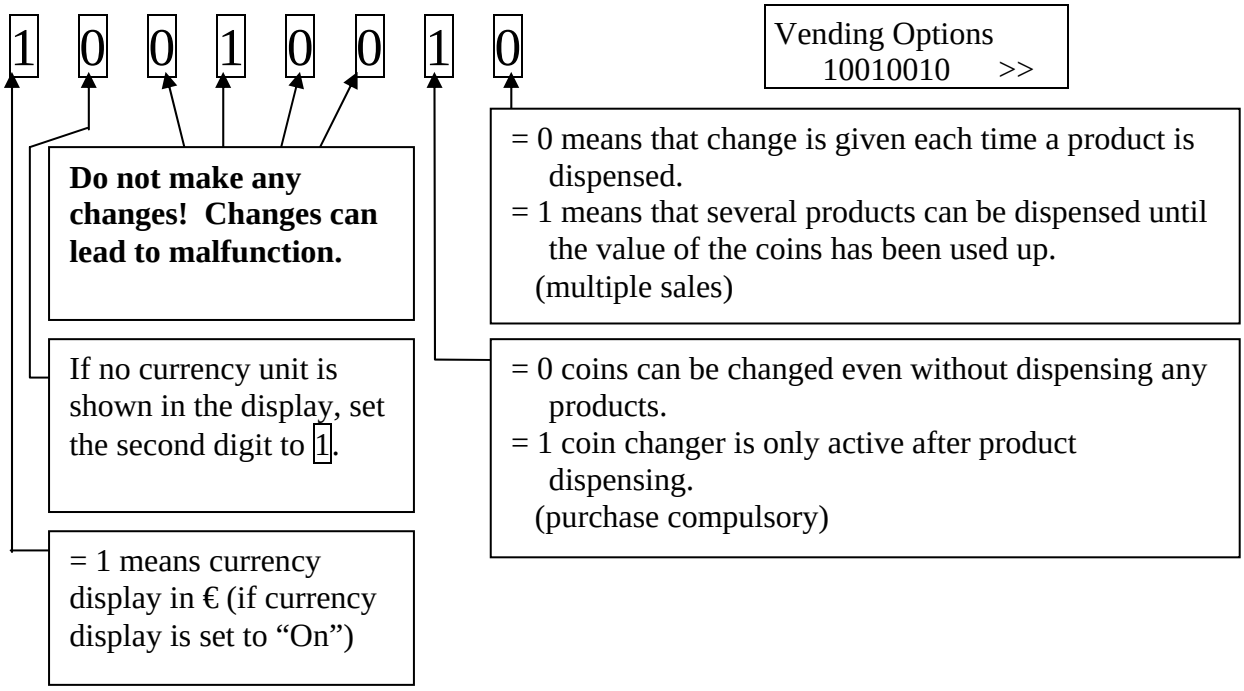
>>

Token value[00]
0.00 € >>

>>

BDV6[00] Value
00000000 >>

With the vending options, only the last two digits should be altered to your requirements.




If an additional machine is connected

Slave Option 01
Slave mode >>

**ENTER**

**EXIT**

No change of money

**Note:**
You can quit this procedure by pressing the "**EXIT"** key. All the individual steps which you confirmed by pressing "**ENTER**" will be saved.

- **Machine cleaning**

**Caution**!
Turn off the power supply to the machine before cleaning the coin changer.

Please follow the manufacturer's cleaning instructions when cleaning the coin changer. These instructions can be found in the enclosed Quick Reference sheet, where all the cleaning steps are described in detail.

# 9 Specific Supplement: WMF combiNation F2

**Attention!**
These are supplements to the manual of the WMF combiNation F.
The safety instructions mentioned in that manual are also valid for the combiNation F2.
Please also consider all chapters of the manual for the combiNation F which are not specifically mentioned for the combiNation F2.

## 9.1 General description of the functions

The combiNation F2 with its two big ground coffee hoppers, two 4 litre storage urns and two coffee spouts substitutes a second coffee machine and makes the brewing of a second type of filter coffee, e.g. decaffeinated coffee, possible.




1 2 ground coffee hoppers

2 2 storage urns

## 9.2 Technical data

| | | |
|---|---|---|
| **Rated power *** | **9,3 kW** | **13,8 kW** |
| **Hourly output ****<br>with starting supply | 430 cups<br>490 cups | 500 cups<br>560 cups |
| **2 Storage urns** | 4,0 litres each | |
| **Hot water output, total** | 72 l/h | 108 l/h |
| **2 Ground coffee hoppers** | 2,2 kg each | |
| **Electricity supply*** | 3/N/PE 50 Hz/400 V | |
| **External dimensions:**<br>Width, machine for two types of coffee<br>Height with ground coffee hopper<br>Depth | <br>700 mm<br>810 mm<br>590 mm | |
| **Empty weight:**<br>Machine for two types of coffee | <br>approx. 98 kg | |
| **Continuous sound pressure level (Lpa) ***** | < 70 dB (A) | |
| **Heat emission**<br>**Stand-by**<br>**Full load *** | <br>200 W<br>9150 W | <br>200 W<br>13650 W |

Technical data subject to change without notice.

* Values quoted apply to basic version. For special versions, see rating plate.

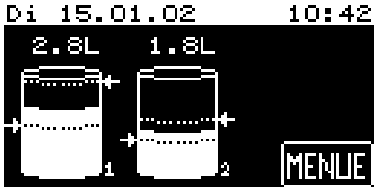
** The hourly outputs indicated are GUIDELINES and depend, among other things, on the quantity of ground coffee, coffee beverage, brewing temperature, brewing aperture size, brewing pressure, water hardness and general condition of the machine (e.g. limescale, connections, power, water, sequence, wear, etc.)

*** The A-weighted mean sound pressure level Lpa (slow) and Lpa (impulse) at the operator's workplace is below 70 dB(A) in every operating mode.

## 9.3 Selection of storage quantity

At the combiNation F2 you can choose between four automatic and two manual brewing programs (see chapter 7.5 Selection of storage quantity in the manual of the WMF combiNation F on page 89).

Basically the setting and the operation of the quantity control is the same as with the combiNation F. The only difference is that two storage urns are shown in the display:




**Characteristics:**

- Brewing of two types of coffee without any problem
- Controlling of the two storage urns via the touch screen display
- The height of the front panel can only be adjusted on the left hand side of the coffee machine
- Dispensing of the second coffee type into jugs is only possible with a multibrew spout which must be connected to the normal spout
- Direct filling of containers (jugs) with a height of maximum 198 mm with removed spout
- Mixing of the coffee types is not possible

## 10 Timer functions

The timer in your WMF combiNation *F* gives you total independence and flexibility. The timer takes over routine tasks such as

- Switching the machine on and off
- Changes to the quantity of coffee prepared
- Starting machine cleaning cycle
- Switching over the machine to self-service mode

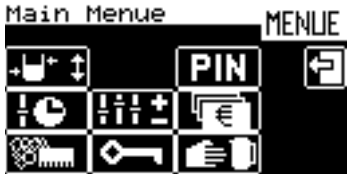
Up to 16 switching times each day can be programmed in.

The machine is ready for operation and the following display is shown, or the display for the storage setting selected:




By pressing the MENUE soft key or by pressing directly on the empty urn symbol in the display, you can access a second level, where there is a selection menu that contains the Timer function.

To set the timer, or to alter previous timer settings, or to call up information about the timer, press the soft key in the selection menu.




The following display appears:



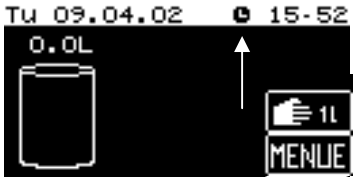

To activate the timer in your coffee machine, press the top soft key in the display, “Timer status OFF”. Confirm the interim question by pressing the OK soft key. The soft key in the display will change to “Timer status ON” and the timer is now active. The machine will carry out your preset switching times and actions. Press the “Timer status ON” soft key again to deactivate the timer after repeated confirmation of the interim question.







Normally, a small black clock in the display indicates that the timer is active:



## 10.1 Timer settings

The following timer settings are available:

- Operating times (switching the machine on and off)
- Setting different quantities of coffee to be prepared
- Carrying out automatic machine cleaning
- Switch over the machine to self-service mode

### 10.1.1 Setting the operating times

Press the soft key in the selection menu to set the timer on your coffee machine.



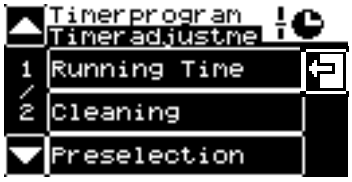

The following display appears:

Then press the `Timeradjustment` soft key.




The following display screen appears:

Press the `Running Time` soft key to program the switching-on and switching-off times.

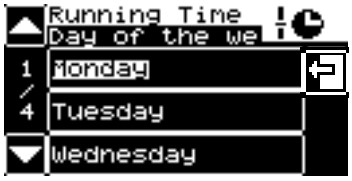



In the menu that follows you can set the day, time and the action you want your coffee machine to carry out.



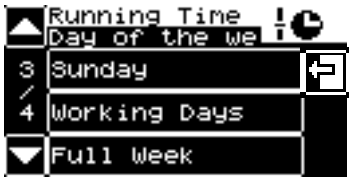

The column heading “Day” refers to the days of the week. 1 is Monday, 2 is Tuesday, and so on. 1-5 refers to working days (Monday to Friday), 1-7 the whole week (Monday to Sunday).

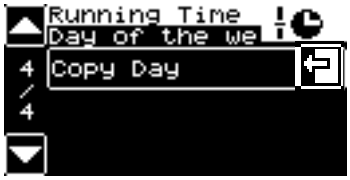
If you touch the `1` soft key, all the days of the week will appear in the display in ordinary text, with the selected day highlighted in white.




Now select the day for which you would like to program the timer by touching the desired day of the week in the display.
For example, if you choose Wednesday, the number `3`. will appear in the display, under the column heading Day.





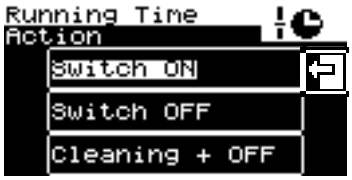

Alternatively, you can use the Plus and Minus keys to select the days of the week.




The time (hour/minute) can only be set by using the Plus and Minus keys.

**Note:**
The timer is controlled by the date and time set on the coffee machine. It is therefore important to ensure that the date and time on your machine are **correctly** set. (see chapter 8.3.6 on page 101).

Under the column heading “Action” you can select the various possible settings for your coffee machine. Touch the centre of the symbol panel to see all the options that can be set in Operating Time mode in clear text, with the function already selected highlighted in white:




In Operating Time mode, you can program:

- Switching-on times
- Switching-off times or
- Switching-off times followed by cleaning.

To do this, touch the setting you want.

This setting then appears as a symbol in the display:

switch on →




switch off →




cleaning + off →




Press the OK soft key to confirm your selection.
A programmed switching time can be cleared again by pressing the C soft key (deletion visible in the indicator --‘--).




If you use the Plus (up arrow) and Minus (down arrow) keys in the “Action” column, after scrolling through the setting options in Operating Time mode, you will automatically move on to the setting options in other modes, such as Cleaning mode (see chapter 10.1.3 on page126), Preselection, (see chapter 10.1.2 on page 124) or Self-service mode (see chapter 10.1.4 on page 127).

The column heading “Prg” denotes the 16 switching times that can be set for each day. Once you have pressed the OK soft key to confirm the desired action, all the programmed switching times will automatically be arranged in chronological order.

By pressing the soft key in the display as a check, you can access the Timer Check directly (see chapter 10.2 Timer check on page 129).

### 10.1.2 Setting coffee quantities to be prepared

To set the timer on your coffee machine, press the soft key in the selection menu.



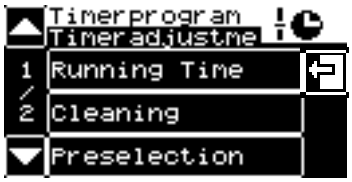

The following display appears:

Then press the `Timeradjustment` soft key.




The following symbol appears in the display:

Press the `Preselection` soft key to program different quantities of coffee to be prepared, as required.




In the following menu you can set the day, time (for an example, see chapter 10.1.1 Setting the operating times on page 121) and the desired action your coffee machine is to perform.

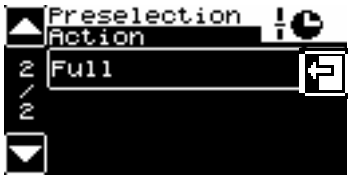



Under the column heading “Action” you can select the various possible settings for your coffee machine.
Touch the centre of the symbol panel to see all the options that can be set in Preselection mode in clear text, with the function already selected highlighted in white:




In Preselection mode, you can program the storage urn for:

- Empty
- Half full
- Full (economy)
- Full (power)




Use the arrow keys to move to page 2 (Full).
Touch the setting you want to select.

This setting then appears as a symbol in the display:

empty →




half full →




full Eco →




full →




Press the OK soft key each time to confirm your choice. A programmed switching time can be cleared again by pressing the C soft key (deletion visible in the indicator --‘--).

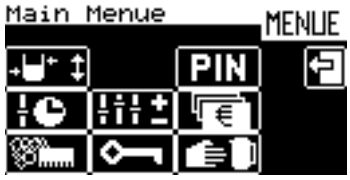
If you use the Plus (up arrow) and Minus (down arrow) keys in the “Action” column, after scrolling through the setting options in Preselection mode, you will automatically move on to the setting options in other modes, such as Cleaning mode (see chapter 10.1.3 on page 126), Operating time (see chapter 10.1.1 on page 121) or Self-service mode (see chapter 10.1.4 on page 127).

The column heading “Prg” denotes the 16 switching times that can be set for each day. Once you have pressed the OK soft key to confirm the desired action, all the programmed switching times will automatically be arranged in chronological order.

By pressing the soft key in the display as a check, you can access the Timer Check directly (see chapter 10.2 Timer check on page 129).

### 10.1.3 Setting the machine cleaning times

To set the timer on your coffee machine, press the soft key in the selection menu.



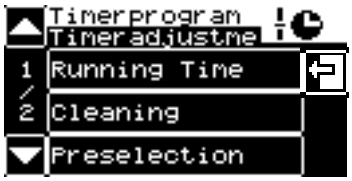

The following display appears:

Then press the `Timeradjustment` soft key.




The following symbol appears in the display:

Press the `cleaning` soft key to program automatic cleaning of your coffee machine.




In the following menu you can set the day, time (for an example, see chapter 10.1.1 Setting the operating times on page 121) and the desired action your coffee machine is to perform.



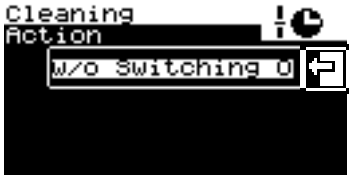

Under the column heading “Action” you can select the various possible settings for your coffee machine.
Touch the centre of the symbol panel to see all the options that can be set in Cleaning mode in clear text, with the function already selected highlighted in white:




Cleaning mode, you can only program:

- Clean machine without switching off.

To do this, touch the `w /o Switching off` soft key.
If you want to switch off the machine automatically after cleaning, you can program this in Operating Time mode. In that mode, there is a `cleaning + off` soft key (see chapter 10.1.1 Setting the operating times on page 121).
Always ensure that the front panel pushed downwards to clean the machine otherwise the cleaning process will not start automatically. Always place the protective panel provided (cleaning adapter) in front of the spouts before starting cleaning.



Your chosen setting then appears as a symbol in the display:

W / o Switching off ➔




Press the OK soft key to confirm your choice.
A programmed switching time can be cleared again by pressing the C soft key. (deletion visible in the indicator --‘--).
If you use the Plus (up arrow) and Minus (down arrow) keys in the “Action” column, after scrolling through the setting options in Cleaning mode, you will automatically move on to the setting options in other modes, such as Preselection mode (see chapter 10.1.2 on page 124), Operating Time mode (see chapter 10.1.1 on page 121) or Self-service mode (see chapter 10.1.4 on page 127).

The column heading “Prg” denotes the 16 switching times that can be set for each day. Once you have pressed the OK soft key to confirm the desired action, all the programmed switching times will automatically be arranged in chronological order.

By pressing the soft key in the display as a check, you can access the Timer Check directly (see chapter 10.2 Timer check on page 129).

### 10.1.4 Setting switch-over to self-service mode

To set the timer on your coffee machine, press the soft key in the selection menu.

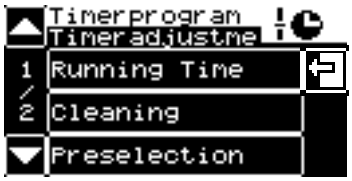



The following display appears:



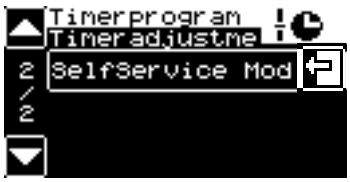

Then press the Timeradjustment soft key.

The following symbol appears in the display:




Use the arrow keys to move on to the second page at this level.

Press the SelfService Mod soft key to program automatic switching on and switching off of your coffee machine in self-service mode.




In the following menu you can set the day, time (for an example, see chapter 10.1.1 Setting the operating times on page 121) and the desired action your coffee machine is to perform.




Under the column heading “Action” you can select the various possible settings.
Touch the centre of the symbol panel to see all the options that can be set in Self-service mode in clear text,
with the function already selected highlighted in white:
In Self-service mode, you can program the self-service options:

- Switch on or
- Switch off.




To do this, touch the setting you want.

That setting then appears as a symbol in the display:

SelfServ.Mode off ➔




SelfServ.Mode on ➔




Press the OK soft key to confirm your choice.
A programmed switching time can be cleared again by pressing the C soft key (deletion visible in the indicator --‘--).

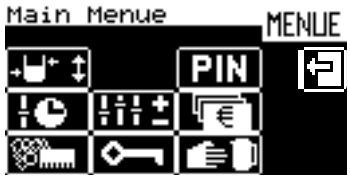
If you use the Plus (up arrow) and Minus (down arrow) keys in the “Action” column, after scrolling through the setting options in Self-service mode, you will automatically move on to the setting options in other modes, such as Preselection mode (see chapter 10.1.2 on page 124), Operating Time (see chapter 10.1.1 on page 121) or Cleaning mode (see chapter 10.1.3 on page 126).

The column heading “Prg” denotes the 16 switching times that can be set for each day. Once you have pressed the OK soft key to confirm the desired action, all the programmed switching times will automatically be sorted in chronological order.

By pressing the soft key in the display as a check, you can access the Timer Check directly (see chapter 10.2 Timer check on page 129).

## 10.2 Timer check

To check your programmed switching times in the Timer Check, press the soft key in the selection menu.




The following display appears:

Then press the TimerTable soft key.




You can now display the preset operating times or your programmed preselection settings in the timer check.



On pressing the Running time soft key, the following display appears:




You can now select for example, from Mondays to Fridays (1-5) the machine switches on automatically at 07:00 and switches off again automatically at 20:00, after carrying out cleaning. On Saturdays, the machine is operational from 08:00 to 16:00 and on Sundays, from 09:00 to 18:00. Cleaning is carried out at the end of each day.

On pressing the Preselection soft key, the following display appears:




You can now select for example, different quantity preselections programmed for Monday to Friday (days 1-5). The thickness of the white bar indicates the level in the storage urn, according to the preselection chosen. For example, you can select the preselection for a higher setting between 14:00 and 16:00 each day.

## 10.3 Making changes to the timer

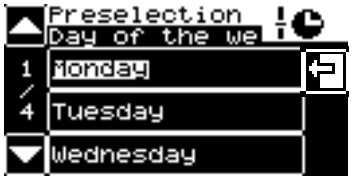
### 10.3.1 Copying the timer

Once a full day's sequence has been set up, it can easily be copied to other days. Start from the timer setting mode.

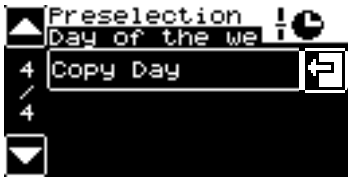



> **Note:**
> The Copy function can be accessed from any setting mode (Operating Time, Preselection, Cleaning or Self-service mode). In each case, the **complete day** is copied, with all the actions set, etc.

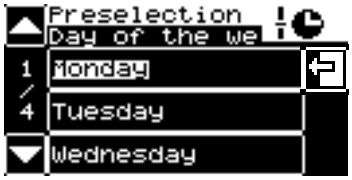
Under the column heading "Day", press the symbol panel (in this case `1` for example) to access day of the week selection.




Then use the arrow keys to scroll to page four, and touch the `Copy Day` soft key.

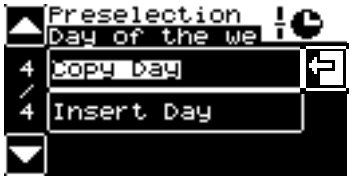



Now select the day you would like to copy to other days. For instance, you have already programmed Monday and now want to transfer your settings to Thursday.
Start by pressing the `Monday` soft key.

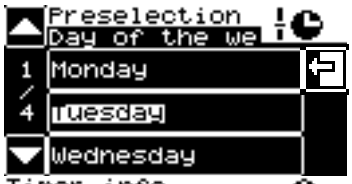



The day to be copied will now be stored while you carry out copying. This is shown in the display as follows:






Next, select the `Insert Day` option and select the day to which you want to copy your Monday settings.
In our example, that day is Tuesday.
Touch the `Tuesday` soft key in the display.




The day you have copied will now be pasted.
All the switching times programmed for Monday have now been copied to Tuesday, and will immediately apply to Tuesdays as well. You can also store other days at the same time. Simply press on the soft key “Add day” and select further weekdays; the reference day copied over at the beginning remains in the memory.




### 10.3.2 Clearing the timer

To clear the switching times for individual days or to clear the whole timer, in Timer mode use the arrow keys to scroll to the second page and press the `Delete Timer` soft key on that page.



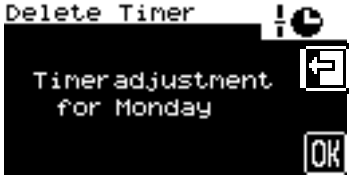




Now select the day to be cleared and touch the appropriate day of the week in the display:




As a safeguard, you are asked to confirm that you really want to clear the day selected.




If so, press `OK` to confirm.
Once cleared, the settings can no longer be recovered.

## 10.4 Timer information

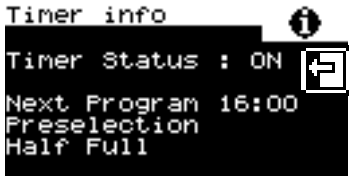
The Timer Information function provides information about the next timer action which is due to be carried out.




In Timer mode, scroll to page two and press the `Timer info` soft key.




The machine timer is switched on. The next action that the timer is due to carry out is to set the preselection to half full at 16:00.



# 11 Care of the machine

Daily cleaning of the coffee machine is very important in order to ensure correct operation of the machine and optimum coffee quality. Accordingly, 26 hours after switching on the machine, a message will appear in the display 4 reminding you to carry out daily cleaning.
**To ensure the cleaning program is carried out, after a further 24 hours the machine will automatically halt beverage dispensing if the cleaning program has not yet been run.**
In this case, the cleaning program **must** be run in order to operate the machine again.
**If the machine is switched off without cleaning after brewing and if more than 26 hours have elapsed since it was last cleaned when it is switched on again, then the machine will remain blocked after warming up.**
The cleaning program **must** be run before the machine can be operated again.

**Caution!**
There is a danger of scalding and burning in the area of the coffee spout 6 and the hot water spout 11, in particular when the front panel is in the raised position and when the coffee spout 6 has been removed.

**Caution! Health hazard!**
Follow the **precautions on the pack** when using the cleaning beverage. The cleaner is corrosive. Cleaning fluid flows out of the coffee spout 6 while cleaning is taking place. The cleaning adapters must be fitted. Take care not to leave jugs or cups underneath the coffee spout while cleaning is in progress.
Wait until prompted by the display before placing cleaner granulate in the manual input.

## 11.1 Cleaning the machine

To clean the machine, start by sliding the front panel 12 down.




Always make sure the front panel is in the lowered position when cleaning the machine, as otherwise the cleaning process will not start.

**Important!**
**Always** fit the housings provided (cleaning adapters) over the spouts before starting cleaning. Never reach under the spouts while cleaning is in progress.
There is a **danger of burning and scalding.**

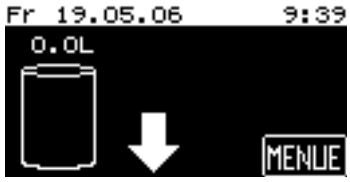


### 11.1.1 Fully automatic cleaning (using automatic granulate cleaning)

To fill the granulate cleaning reservoir 3 remove the lid and fill the reservoir with cleaning granulate (order no. 33.2118.6000). Then replace the lid to close the granulate reservoir.

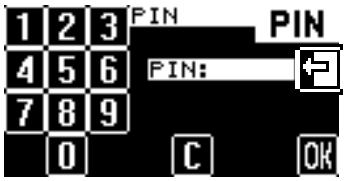



The machine is ready for operation and the following display is shown, or the display for the storage setting selected:

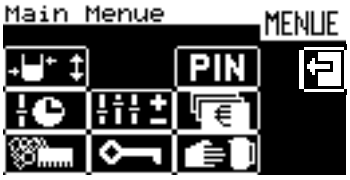



Press the MENUE soft key to enter a second level, where a selection menu allows you to run the cleaning program.

If you have allocated access authorisations (PIN numbers) (see chapter 8.4 on page 103), on pressing the MENUE soft key you will be asked for your PIN number. Key in your PIN number. When the correct PIN number is entered, the selection menu is displayed.

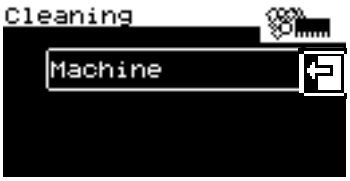



If you wish to run the machine cleaning program, press the soft key in the selection menu.



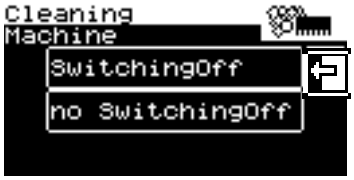

The following display appears:

Select the Machine soft key in order to clean the machine.

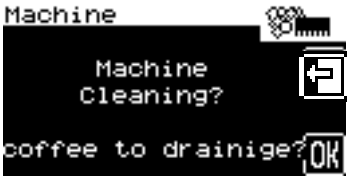



**Note:**
Always ensure the granulate cleaning reservoir 3 is full. Only WMF special cleaning granulate should be used (order no. 33.2118.6000). Take care not to overfill the reservoir 3, however, as this can block the granulate meter.

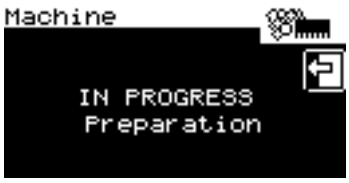
Press the SwitchingOff soft key or the no SwitchingOff soft key to choose whether the machine is to return to "ready" mode after cleaning, or to be switched off automatically after cleaning – in this case, press SwitchingOff.




After selecting the cleaning mode, you will be asked again to confirm that you wish to clean the machine. Press the OK soft key to confirm your choice, or press to quit the selection without carrying out cleaning.
Any remaining coffee will then be drained from the storage urn automatically during cleaning.



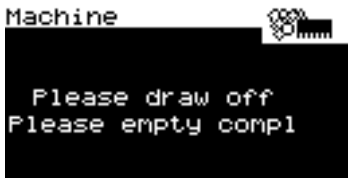

The following display will appear:



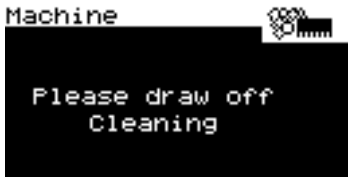

If your coffee machine is connected to the grouts separator model 9011, you will now be asked to remove the grounds catcher from the grouts separator...



...empty it...




...clean it...




...and replace it in position.




Before cleaning starts, you will now be asked to fit the cleaning adapters underneath the spouts.




**Important!**
**Always** fit the housings provided (cleaning adapters) over the spouts before starting cleaning. Never reach underneath the spouts while cleaning is in progress.
There is a **danger of burning and scalding**.



Press OK to confirm that you have fitted the housing in place. The following display appears:




The duration of the cleaning program is approximately 25 minutes. While the cleaning program is running, the display shows the remaining cleaning time.



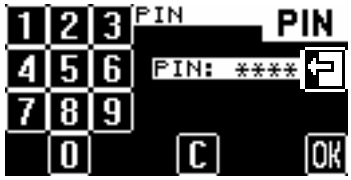
### 11.1.2 Semi-automatic cleaning (via the manual input)

The machine is ready for operation and the following display is shown, or the display for the storage setting selected:

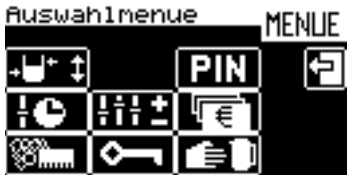



Press the MENUE soft key to enter a second level, where a selection menu allows you to run the cleaning program.

If you have allocated access authorisations (PIN numbers) (see chapter 8.4 on page 103), on pressing the MENUE soft key you will be asked for your PIN number. Key in your PIN number. When the correct PIN number is input, the selection menu is displayed

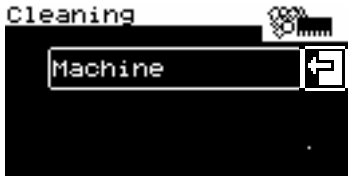



If you wish to run the machine cleaning program, press the soft key in the selection menu.

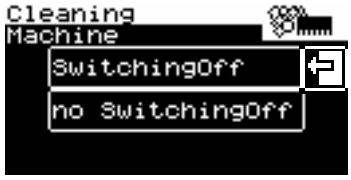



The following display appears:

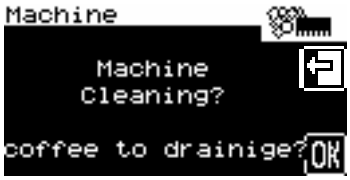
Select the Machine soft key in order to clean the machine.




Press the SwitchingOff soft key or the no SwitchingOff soft key to choose whether the machine is to return to "ready" mode after cleaning, or to be switched off automatically after cleaning – in this case, press SwitchingOff.




After selecting the cleaning mode, you will be asked again to confirm that you wish to clean the machine. Press the OK soft key to confirm your choice, or press to quit the selection without carrying out cleaning.




Any remaining coffee will then be drained from the storage urn automatically during cleaning. Before cleaning starts, you will now be asked to fit the cleaning adapters underneath the spouts.



**Important!**
**Always** fit the housings provided (cleaning adapters) over the spouts before starting cleaning. Never reach underneath the spouts while cleaning is in progress!
There is a **danger of burning and scalding**.



After selecting the cleaning mode and confirming that you wish to clean the machine, you will be asked to place cleaning granulate in the manual input.




Open the input cover 8, and for a single-beverage machine pour in **one** level coffee spoon (order no. 33 0742 3000), or for a two-beverage machine **two** coffee spoons of WMF special cleaning granulate and close the input cover again.



**Note:**
**Only** WMF special cleaning granulate should be used to clean the machine.
Order no. 33 2118 6000.
It is important to follow the directions on the cleaning granulate pack.




The duration of the cleaning program is approximately 25 minutes. While the cleaning program is running, the display shows the remaining cleaning time.




## 11.2 Cleaning using the timer

The cleaning times can be programmed and automatically switched on by using the “Timer” function in the machine selection menu. Times are assigned to the day of the week and are not controlled by the date.




For the settings, see chapter 10 Timer functions on page 120.

## 12 Error messages / remedial action

Your WMF combiNation *F* has a built-in diagnostic program. Any errors occurring will appear in the display 4.

The ⚠ symbol indicates that an error has occurred or that the operator's attention is required.



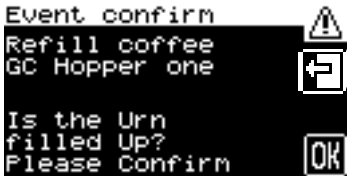

The following error messages are currently implemented:

- The ground coffee hopper 1 is empty.

  Refill with ground coffee (see chapter 7.2 on page 86) and press the soft key `Refill coffee GC Hopper one` and confirm.

  The following display then appears:
  Press OK once more to confirm.

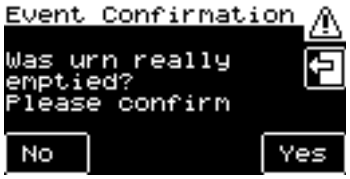



- The grouts collector in the grouts separator is full.

  Remove the grouts collector, empty it and replace it in position (see chapter 11 on page 134). Press the soft key `Emptied grounds contain` and confirm. If the message is not confirmed after twenty seconds by pressing the soft key then one can assume that the grouts collector was **not** emptied. The grout contents counter will **not** be deleted.
  The following indicator appears in the display after successful confirmation.
  Confirm by touching on the appropriate soft key to see whether the container was really emptied or not.



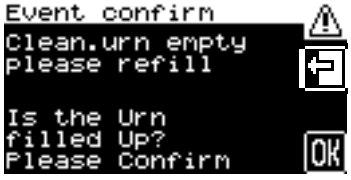




- The granulate cleaning reservoir 3 is empty.

  Fill up with cleaning granulate (see chapter 11.1.1 on page 135) and press the `Clean.urn empty please refill` soft key to confirm.

  The following display then appears:
  Press OK once more to confirm.



- No water pressure.

  Open the shutoff valve in the water inlet. No confirmation will be requested in the display. The message disappears automatically if there is water pressure present for at least 10 seconds.



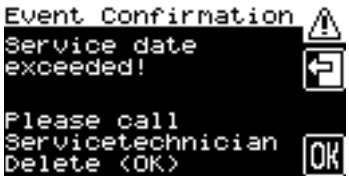

- Service date exceeded.

  Call your WMF customer service. No confirmation will be requested in the display.




-

  The message will be removed until the machine is switched on again after confirmation by touching the OK soft key.




- Moving the panel upwards/downwards

  Move the front panel upwards/downwards (a message appears after pressing a beverage key which requires a particular position of the front panel:
  e.g. front panel lowered - beverage key “Mug” - Message “Move panel upwards”
  The message disappears automatically after seven seconds.







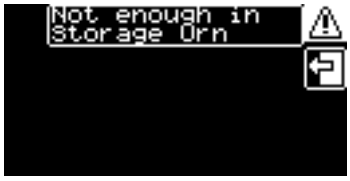
- No release of accounting

  The message appears after the customer has pressed a beverage key which is not released for use by the accounting system.
  The message disappears automatically after seven seconds.




- Not enough in storage urn

  The message appears if the remaining amount in the storage urn cannot be dispensed completely. Please note: there must be a residual amount of at least 300 ml. in the storage urn to obtain good mixing with the next storage urn brew.
  The message disappears automatically after seven seconds.



## 13 WMF customer service

WMF's comprehensive service network allows every area to be reached in a short period of time. Our personnel are experienced experts and carry special tools and the original spare parts required at all times, so that malfunctions can be ascertained on the spot.

☞ **Note:**
Please bear in mind that this is a professional coffee machine, designed for commercial use. Such a machine requires regular maintenance by WMF customer service.
Maintenance intervals depend on how heavily the machine is used, but maintenance should be carried out at least once a year as a minimum.

In order to ensure regular inspection of your machine, we recommend that a regular machine maintenance schedule be arranged with your local WMF service engineer.

## 14 Liability

WMF shall be liable for legitimate defects as to quality as follows:

Any beverages delivered or any services rendered showing a defect as to quality within the period of limitation shall be, at WMF's reasonable discretion, repaired or rendered again, if the cause of the defect as to quality had already been present when the risk was passed.

Claims for defects as to quality are subject to a limitation period of 12 months. This period shall start with the day when the risk is passed. The above period shall not apply in case there are longer periods required by the German Civil Code (BGB), e.g. pursuant to § 479 Sec. 1 BGB (right of recourse of the contractor), 438 Sec. 1 No. 2 BGB (buildings and things for buildings) and § 634a BGB (defects of construction).

If putting the machine into operation is delayed for longer than four weeks due to reasons that are beyond the control of WMF, the warranty period shall begin four weeks after the machine being delivered to the customer.

The buyer shall immediately give written notice of defects as to quality to WMF. Replaced parts shall pass into the ownership of WMF.

At first WMF shall always be given the opportunity for a subsequent performance within a reasonable period. The buyer shall make available the rejected object to WMF.

We **are not liable**:

- for any components that are subject to a normal wear and tear. This includes but is not limited to gaskets and washers, ribbons, and proportioning devices;
- for defects caused by atmospheric influences, deposit of boiler scale, chemical, physical, electro-chemical or electrical influences, unless these defects are attributed to a fault of WMF;
- if a water filter is dispensed with, although the on-site water regime requires the use of a water filter, and this results in defects. It is pointed out to the customer in the respective acknowledgement of order, whether the use of a water filter is required;
- for defects resulting from the failure to comply with the instructions relating to the handling, maintenance and attendance of the device (e.g. operating and maintenance instructions of WMF laid down in the operating manual of the respective percolator type);
- for defects resulting from the inappropriate or improper use, from the failure to use WMF genuine spare parts or from the faulty installation by the buyer or a third party, or from a faulty or negligent handling; and for consequences from modifications or repair works that were made improperly and without our consent by the buyer or a third party.

Claims for damages by the buyer, irrespective of their legal grounds, particularly on account of violations of the contractual obligation and on account of tortious acts, shall be excluded.

The above exclusion shall not apply in so far as there is a mandatory liability, e.g. in case of giving warranties as to quality or durability, pursuant to the German Beverage Liability Act, in cases of wilful acts, of gross negligence, of fatal injuries, of bodily injuries or injuries to health, or in case of any violation of substantive obligations from this contract. A reversal of the burden of proof to the disadvantage of the buyer is not implied by the above regulations.