



# Franke Coffee Systems

## The art of excellent coffeemaking

### Franke Sinfonia M 3M HD CF

The Franke Sinfonia M 3M HD CF is a microprocessor-controlled, fully automatic coffee machine with 3 coffee grinders for custom coffee specialities such as ristretto, espresso, caffè crème, white coffee, latte macchiato, and cappuccino. It also dispenses cold and hot milk, hot water and steam.

#### Technical data

<u>Hourly performance:</u>	Espresso:	250 cups
	Caffé crème:	200 cups
	Cappuccino:	180 cups
	White coffee:	180 cups
	Latte macchiato:	120 cups
	<b>Hot milk:</b>	<b>120 cups</b>
	<b>Cold milk:</b>	<b>150 cups</b>
<b>Hot water:</b>	<b>30 litres</b>	

Power rating: Coffee machine: 6.9 kW  
Refrigeration unit: 70 W

Power connection: Coffee machine: 400 V 3LN PE, 16 A, 50/60 Hz  
Refrigeration unit: 230 V 1LN PE, 10 A, 50/60 Hz

Water supply: Cold water connection G 3/8" external thread  
Water pressure 80-600 kPa (0.8-6.0 bar)

Water outlet: Outlet hose  $\varnothing$  16 x 2000 mm; funnel  $\varnothing$  50 with siphon

Weight: 76 kg

Dimensions: Width: 675 mm  
Height: 680 mm  
Depth: 600 mm

#### Design

All major parts are made of high-grade stainless steel. Housing parts are made of coated high-grade steel and bean containers are made of easy-care plastic. All components relevant to safety have been certified by the responsible certification authorities. The machine carries the CE mark and is EMC and CB shielded and tested.

#### Special features

The coffee machine is equipped with 3 low-noise precision coffee grinders (bean container capacity of 1.3 kg / 2x 1.5 kg) and a manual filling funnel for ground coffee.

Self-service operation offers a maximum of 8 coffee products. The operated version has up to 28 coffee products, 8 individually programmable product buttons, and separate hot water and steam buttons.

Operator guidance, settings and the status displays are shown on a large backlit graphic display. The product names can be custom displayed on 4 different levels on the graphic display and are easily called up by pressing the "More products" button.

The height-adjustable dual coffee dispenser makes it possible to use different sized cups, jugs and other vessels up to a maximum height of 180 mm. The milk frother integrated in the dual coffee dispenser ensures trouble-free preparation of all popular coffee specialities. Further, the milk system can serve cold and hot milk. The milk frother is also available as a dual dispenser.

Metered or free-flow hot water and steam are dispensed from separate outlets.



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Preparation of coffee specialities is based on the espresso process. Coffee specialities can be freshly prepared as needed for single or tandem cups. The milk is heated or frothed by the milk frother integrated in the coffee dispenser and served with the coffee in one work process. The sequence in which the milk is output -- whether before, while or after the coffee is output -- can be programmed. The coffee beans are freshly ground automatically after pressing a product button. After brewing, the dry coffee grounds are collected in the built-in grounds tray (up to 100 portions).

### **Customer settings**

Thanks to an intelligent chip card, the user can rapidly set important parameters such as the quantity of ground coffee and water in a matter of seconds. And settings can be corrected just as quickly. The optimal setting values can be saved on a memory card after installation and reloaded at any time. Access rights to the customer settings can be individually defined and saved with a PIN code.

### **Billing systems**

The coffee machine is ready to be connected to commercially available payment and billing systems. Also, internal counters keep track of output (total count, count per product, etc.).

### **Cleaning and hygiene**

The integrated automatic rinsing and cleaning program for the coffee and milk area makes it easy to maintain and care for the unit while ensuring excellent hygiene and consistently high quality coffee.

### **Standard equipment**

- Fully electronic control system with graphic display and programming with chip card
- Separate hot water and steam outlets
- Metal brewing unit with constant piston heater
- 1 CF refrigeration unit with pump, 6 litre volume, and milk shortage monitoring
- 2 high-grade steel tanks for coffee, hot water & steam
- 3 low-noise precision grinders with direct grinding
- 3 coffee bean container made of plastic, 1.3 kg / 2x 1.5 kg capacity, monitored fill level
- Manual filling funnel for ground coffee
- Adjustable coffee dispenser from 75 to 180 mm
- Integrated milk frother
- 7 (8) selector buttons for coffee and milk products; up to 4 product display levels
- Dry coffee grounds discharged into a tray for 80 portions, electronic overflow safeguard
- Ready to be connected to commercially available payment and billing systems
- Housing made of high-grade stainless steel and plastic in anthracite grey or silver

### **Options**

- Grounds chute for direct disposal into a waste bin installed under the counter
- Breakfast system for filling pots via a separate coffee dispenser
- Special RAL colours on request

### **Accessories and add-ons**

- Cup warmer
- Chocolate beverage dispenser

**Manufacturer** Franke Kaffeemaschinen AG

**Article no.:** M 3M HD CF