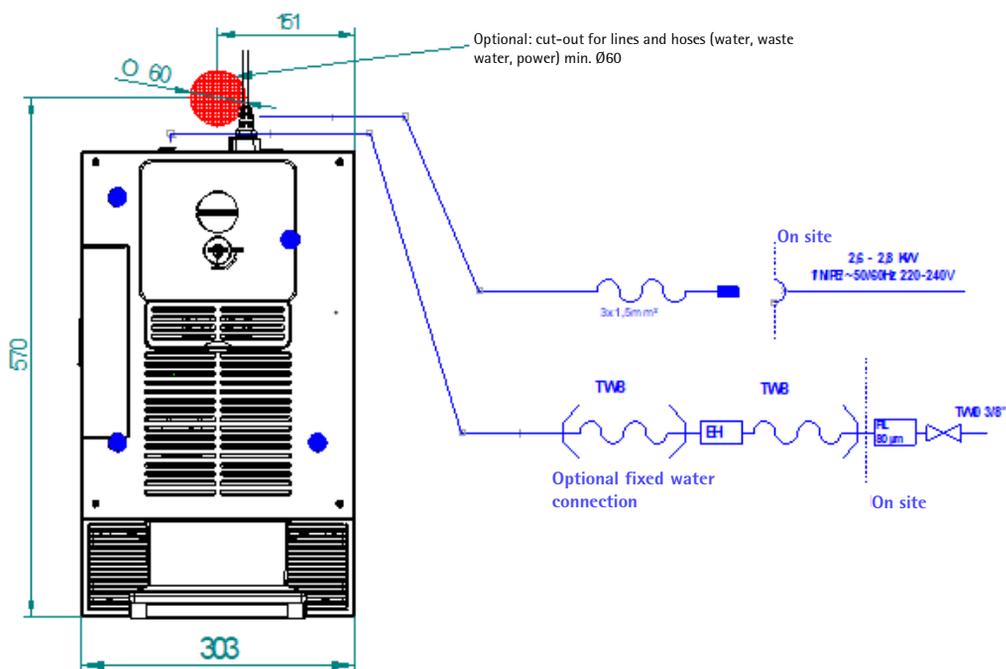
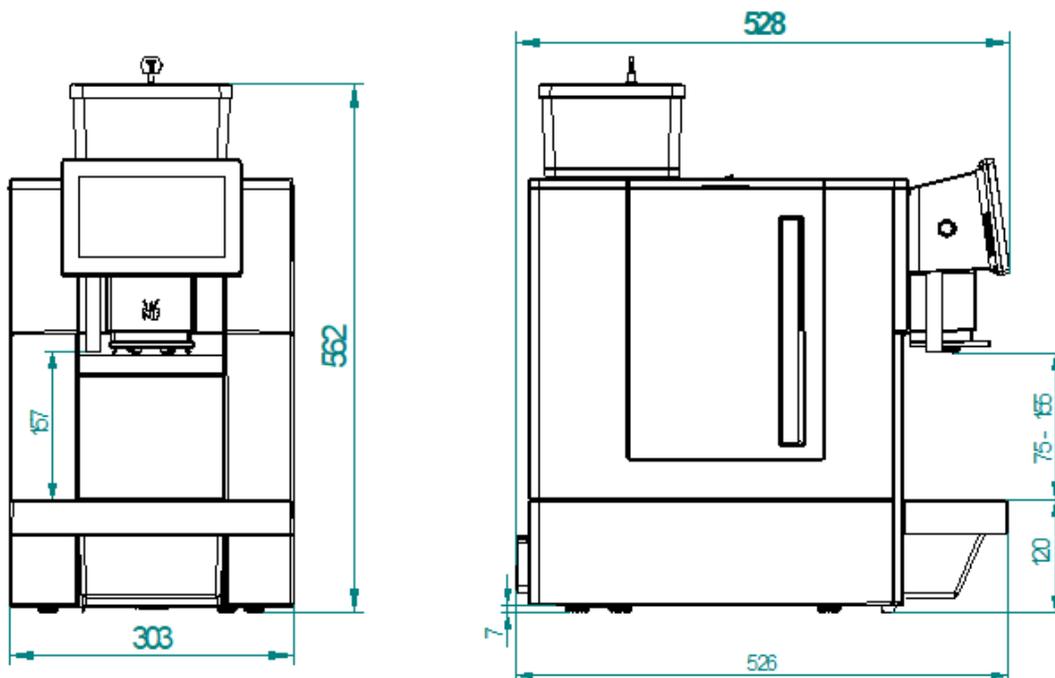


# WMF 950 S planning information



On site

# WMF 950 S planning information

## Conditions for usage and installation

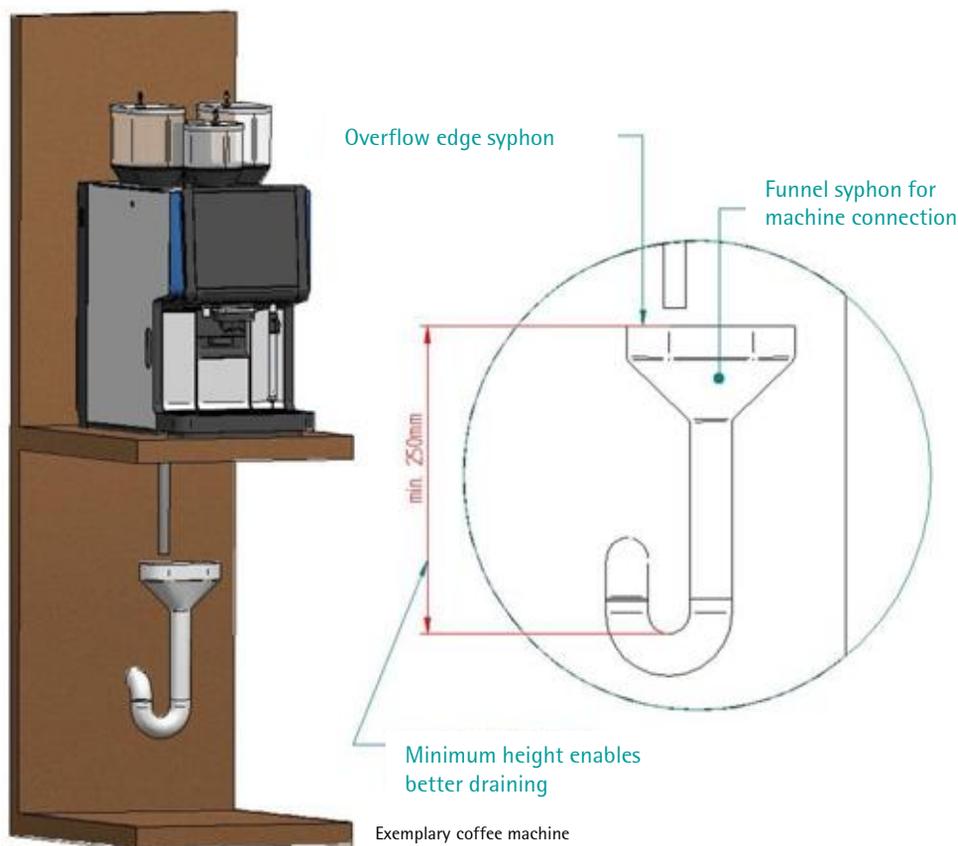
Any necessary on-site preparatory work for electricity, water and drainage connections at the customer's premises is to be arranged by the machine owner / operator. The work must be carried out by authorised installation technicians in compliance with general, country-specific and local regulations.

Dimensions and empty weight	Width Height Depth Clearance height Weight	303 mm 562 mm 528 mm 75 – 155 mm Approx. 22 kg
Water supply	Water supply line  Inlet temperature  Water drain tube (optional)	3/8 inch hose connector with mains tap, and filter with 0.08 mm mesh size, on site. At least 0.2 MPa (2 bar) flow pressure at 2 l/min (standard). Maximum 0.6 MPa (6 bar). If the on-site flow pressure exceeds 0.6MPa (6 bar) a pressure reducer must be connected upstream which must be set to a maximum of 0.6 Mpa. For fixed water operation the connection items included in the accessories must be used. Do not use old hose sets.  Maximum 35 °C.  Tube a minimum of DN 19, minimum downward slope of 2 cm/m
For use at altitude above NN	< 2000 m	
Electrical data	Nominal power rating	2.6 – 2.8 kW
	Power supply	220–240 V 50 / 60 Hz (1 / N / PE), country specific power supply available
	Degree of protection	IP X0
	Protection Class	I
Installation Clearance	<p>For operating, service, and safety reasons the machine should be installed with a clearance from the building or non-WMF components of not less than 50 mm at the sides and 60 mm at the back. A minimum working space of 800 mm in front of the coffee machine is recommended. Clearance of at least 200 mm above the product hopper is recommended. The height of the installation surface above the floor is at least 850 mm. If the coffee machine connections are to be run downwards through the counter, please make space for the lines, which can reduce the usable space below the machine.</p> <p>If the coffee machine is operated with a water filter the additional space under the machine depending on the filter size has to be considered. For further information see filter instructions. Caution: Auxiliary units can only be installed on the right side of the machine (seen from the operating side)</p>	
Ventilation	<p>If ventilation possibility is limited sufficient ventilation need to be provided e.g machine on feet extension, active ventilation, additional ventilation slots/ openings in counter area. Ventilation slots must not be covered. Under certain circumstances a forced ventilation on site is necessary to ensure heat dissipation.</p>	

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<p>Installation surface / water spray</p>	<p>The device must be placed and leveled on a horizontal, sturdy, water-resistant, and heatproof base. The device must not be cleaned using a water jet. The device must be installed where it is protected against water spray. The device must not be located on a surface that is sprayed or cleaned with a water hose, steam jets, steam cleaner, or similar devices.</p>
<p>Electrical connection</p>	<p>These specifications for the electrical connection and the standards quoted apply for connecting the coffee machine in EU. It may be necessary to also observe additional country-specific regulations. Outside the EU acceptance of the standards quoted is to be checked by the legal entity or natural person who wishes to use the coffee machine. The customer's on-site electrical system must be designed to meet countryspecific regulations per IEC 364 (DIN VDE 0100). An Schuko socket or a country-specific single-phase socket for single-phase connection must be freely accessible at all times near the machine (max. 800 mm from the machine) in case of a single-phase connection. The sockets are part of the customer's on-site installation. The mains cable must not come into contact with hot surfaces. If the mains cable for this device is damaged it must be replaced by our service personnel or a similarly qualified person, in order to prevent hazards.</p>
<p>Water supply and drainage</p>	<p>The water supply must be located close to the machine (max. distance 800 mm). An anytime easily accessible and sufficiently dimensioned water tap (preferably ball tap) as well as a dirt filter with mesh size 0,080 mm must be installed below the counter in the water supply.</p> <p>For connection from below through the counter a cut-out must be made in the hatched area on-site according to drawing (see top view). In general we recommend the use of a water filter. If no water filter is installed upstream the coffee machine may be damaged (e.g. by calcification). If the coffee machine is connected to a drain connection, a funnel siphon must be installed in the drain pipe. Please observe that the free drain (funnel siphon with sheet metal angle) is fitted vertically. This means that it must always be vertical to the water back pressure level that is reached. It must be fitted in a way that the given gradient of the drain hoses (2%) is observed. Additionally, the free drain must always be below the drains of the coffee machine and above the actual drain pipe connections (HT40, HT50 or similar) with respect to its height.</p> <p>To a funnel siphon with sheet metal angle max. two coffee machines with DN19 hose and black silicone fabric hose should be connected. Other devices (dishwasher, sink etc.) should be installed elsewhere.</p> <p>The free drain incl. DN 19 hoses must not be exposed to heavy tensile, pressure or torsional load. Hereby, damage might be caused at the mechanical components of the free drain. Consequently, its usability may get lost. Alternatively the machine can also be connected directly to the waste water pipe but special care must be taken to comply with the daily cleaning of the drip tray. This is the only way to ensure that possible contamination through direct connection is avoided.</p> <p>The on-site preliminary works for the drainage connection must be commissioned by the operator of the machine. They must be carried out by concession plumbers in compliance with the prevailing, national as well as local regulations.</p> <p>The following drawings serve to illustrate the drains and do not include any other connections, such as power or water infeed!</p>

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Miscellaneous	Ambient temperature	+5 °C to maximum +35 °C (empty the water system in case of frost).
	Maximum humidity	80 % relative humidity without condensation. Do not use device outdoors.
	Heat dissipation	0.03 kWh/h standby mode 2.7 kWh/h maximum use
	Continuous sound pressure level (Lpa)	< 70 dB(A)

For more information as the instruction manual , safety data sheets and certificates , see:  
<http://mediacenter.wmf.com/servicecenter/>

All information refers to coffee machines/ equipment as standard version. Individual solutions can differ from the standard version.