



Installation plan
Heat pump dryer
PT 8203 SL WP

To avoid the risk of accidents or damage to the machine, it is **essential** to read these instructions before it is installed and used for the first time.

en - GB, IE



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Installation and planning notes

Installation requirements

The dryer must only be set up by a Miele authorised and trained service technician or an authorised dealer.

- ▶ This dryer must be installed in accordance with all relevant regulations and standards. Local energy supplier regulations must also be observed.
- ▶ This dryer must only be operated in a room that has sufficient ventilation and which is frost-free.

General operating conditions

This dryer is intended only for use in a commercial environment and must only be operated indoors.

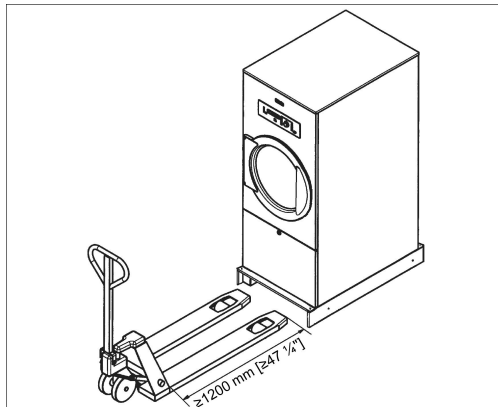
Permissible ambient temperature: 2 °C to 43 °C

The electrical components of this dryer comply with safety standards IEC/DIN EN 60335-1 and DIN EN 50570.

Installation

This dryer must only be transported with the transport safety device fitted.

Transport the dryer to its installation site using a suitable pallet truck and then remove the transport safety device. Keep this device in a safe place for refitting should the dryer need to be moved in the future (e.g. when moving to a new site).



⚠ When transporting the dryer be aware of its total height. Be careful when transporting it on a pallet truck that it does not tip up.

The dryer must be set up on a level and firm surface, with a minimum load bearing capacity of 2220 N.

The floor load created by the dryer is concentrated and transferred to the installation footprint via the machine feet.

Installation and planning notes

To ensure easy access in the event of future servicing, please maintain a gap of at least 500 mm behind the dryer.

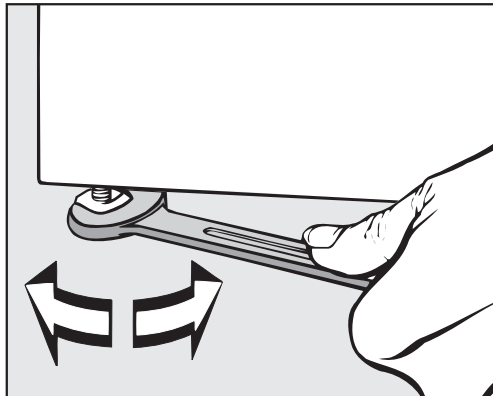
After setting up the dryer please let it stand for approx. 30 minutes before using it for the first time. If the heat-pump unit was tilted by an angle of 30° before the dryer was set up, or if it was subjected to excessive movement, please let the dryer stand for 24 hours before using it.

Otherwise the heat pump can suffer damage.

Levelling the machine

To ensure the dryer functions correctly and energy efficiently, it must stand securely and evenly on the floor with all four feet. Any unevenness in the floor can be compensated for by adjusting the feet.

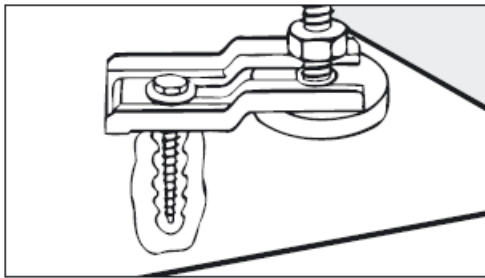
- Loosen the counter nuts on the feet using a spanner.
- With the assistance of a spirit level align the dryer horizontally and vertically by adjusting the height of the feet.
- After aligning the dryer tighten the counter nuts by turning them in a clockwise direction with a spanner. This will prevent the feet from adjusting themselves.



Installation and planning notes

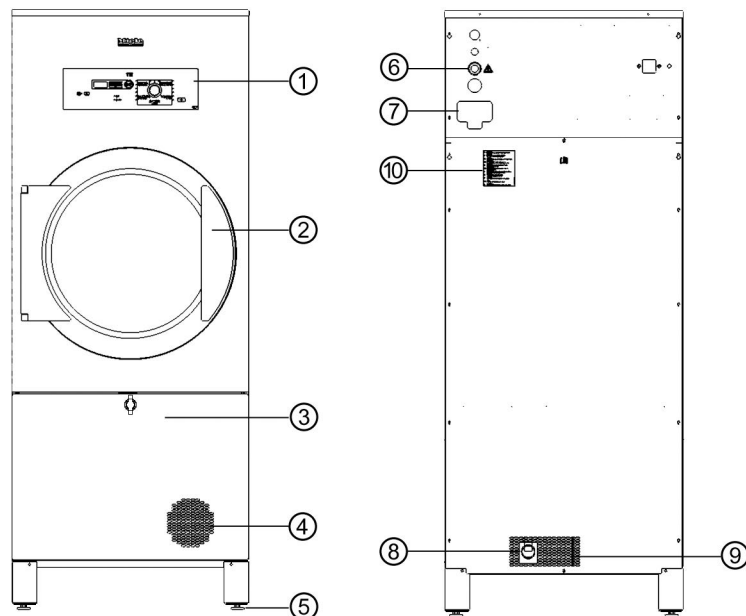
Securing the dryer against slippage

The dryer can be secured to the floor by fitting the clamps supplied over the feet.



Fittings supplied are for installation on a concrete floor. For other types of flooring please purchase suitable fitting materials separately.

Guide to the machine



- ① Control panel with controls
- ② Door
- ③ Fluff filter compartment cover
- ④ Air intake vent
- ⑤ Machine feet
Qty 4, adjustable
- ⑥ Electrical connection with cable gland
- ⑦ Communication module slot for XKM RS 232
Optional accessory
- ⑧ Condensate drainage
- ⑨ Air outlet vent
- ⑩ Data plate

Electrical connection

The electrical connection must be carried out by a qualified electrician who must ensure that all electrical work is carried out in accordance with applicable electrical regulations and standards (BS 7671 in the UK).

- ▶ This dryer must be connected to an electrical mains supply that complies with local and national regulations. Please also observe your insurance and energy supplier's regulations as well as any health and safety at work regulations.
- ▶ The required voltage, power consumption and specifications for external fusing are quoted on the data plate on the dryer. Ensure that the supply voltage complies with the voltage quoted on the data plate before connecting the dryer to the mains.

Connection to a supply voltage other than the one quoted on the data plate can lead to functional faults and damage the dryer. If more than one voltage is quoted on the data plate, the dryer can be converted for connection to the voltages stated.

Conversion to a different voltage must only be carried out by a Miele Service engineer or by an authorised Service Dealer. The wiring instructions given on the wiring diagram must be followed.

This dryer can either be hard-wired or connected via a plug and socket that complies with IEC 60309-1.

For hard-wired machines connection should be made via a suitable mains switch with all-pole isolation which, when in the off position, ensures a 3 mm gap between all open contacts. These include circuit breakers, fuses and relays (IEC/EN 60947).

If the mains supply cannot be permanently disconnected, the isolator switch (including plug and socket) must be safeguarded against being switched on either unintentionally or without authorisation.

Tip: We recommend connection to the power supply via a suitable IP 44 plug and socket which must be easily accessible for servicing and maintenance work after the machine has been installed. An electrical safety test must be carried out after installation and after any service work.

- ▶ If it is necessary to install a residual current device (RCD) in accordance with the local regulations, a residual current device type A can be used.
- ▶ Equipotential bonding with a good contact connection should be carried out in accordance with local and national installation regulations. Equipotential bonding with a leakage current of >10 mA should be carried out. Accessories required for equipotential bonding (washers and nuts) are not supplied with the machine.

Installation and planning notes

Air intake vent

Air intake for the condenser is via an air intake vent at the front of the dryer. Air is taken from the room in which the dryer is installed.

A fluff filter is located in the air intake vent in the dryer. This must be regularly cleaned by hand.

The air intake vent must be kept clear. It must not be covered.

Air outlet vent

Because the heat-pump dryer operates with a closed air circuit, separate exhaust ducting is not required.

The warm air expelled from the machine as a result of cooling down the heat-exchanger warms the room air. It is essential to ensure the room has adequate ventilation, e.g. by providing ventilation openings that cannot be closed whilst the machine is in use. Insufficient ventilation in the room increases the time required for drying, which in turn will increase the amount of energy required for the drying process.

The ventilation openings must, on no account, be closed or blocked by objects.

Condensate drainage

The heat-pump in this dryer operates on the principle of condensation. A separate floor drain must be provided in the installation room for condensate from the drying process.

The condensate drainage point is located at the back of the heat-pump dryer. The condensate must be drained via a downwards pointing DN 30 pipe to the floor drain.

Ensure that condensate cannot backflow into the dryer. A non-return valve, available as an optional accessory, can be fitted if necessary.

Any condensate that gets back into the machine can cause damage.

Accessories

Accessory or spare parts may only be connected or built-in to this machine if they are expressly approved for such use by Miele. If non-Miele parts are used, guarantee, performance and product liability claims may be invalidated.

Communication module XKM for RS 232 interface

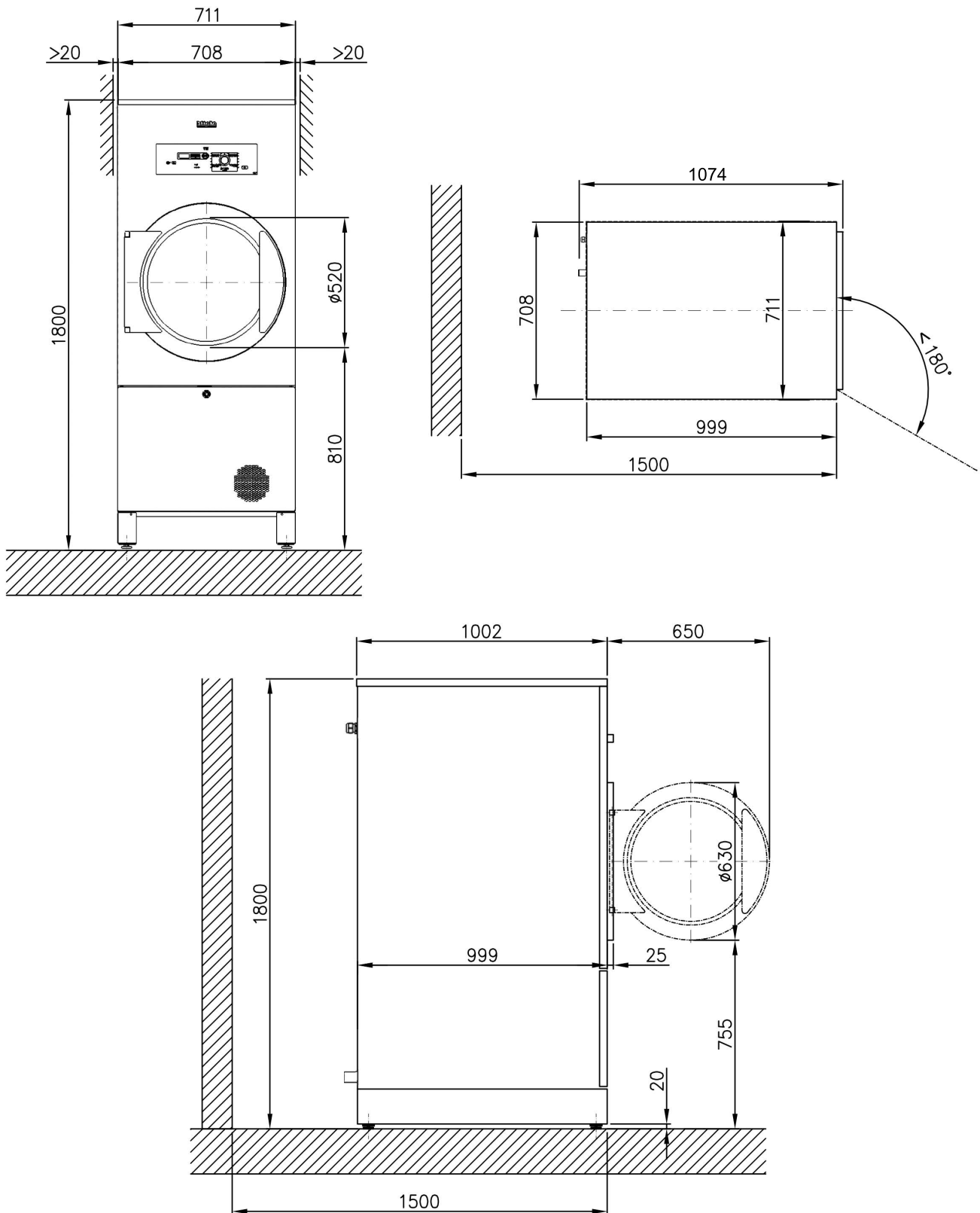
The serial interface RS-232 can be retrofitted to the dryer via an XKM RS 232 (optional accessory available from Miele). This communication module must only be used with Miele Professional machines that are fitted with an appropriate slot for the module.

The data interface provided via communication module XKM RS232 complies with SELV (Safety Extra Low Voltage) in accordance with EN 60950. Appliances connected to this interface must also be SELV compliant.

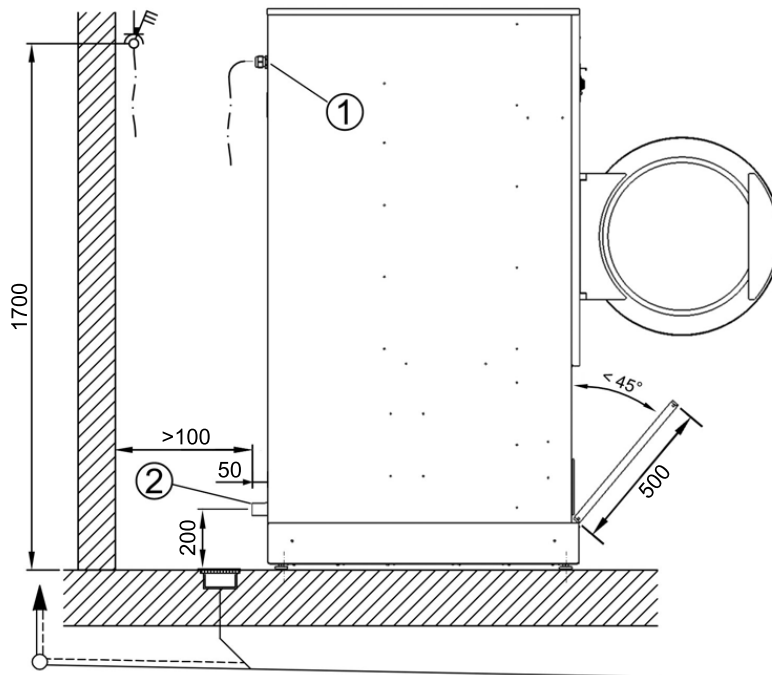
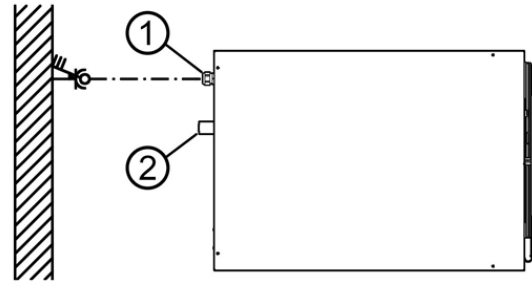
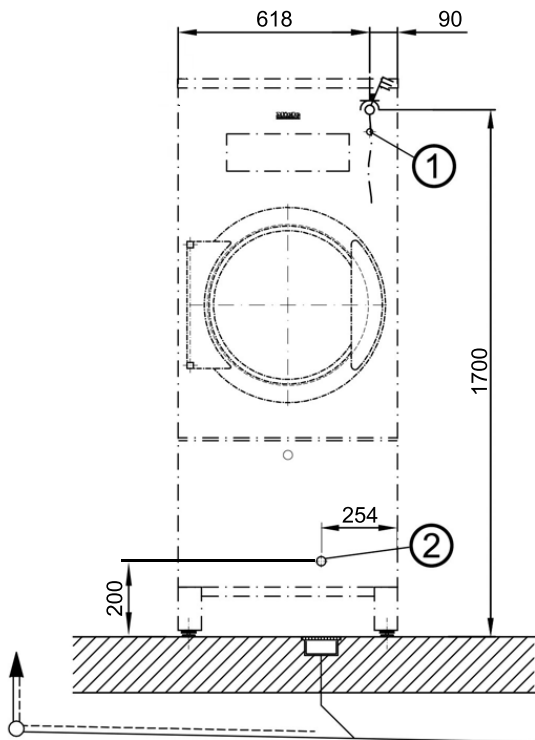
Communication module XKM RS 232 is supplied with a connection cable and a D-sub-connector.

Technical drawings - dimensions in mm

Dimensions



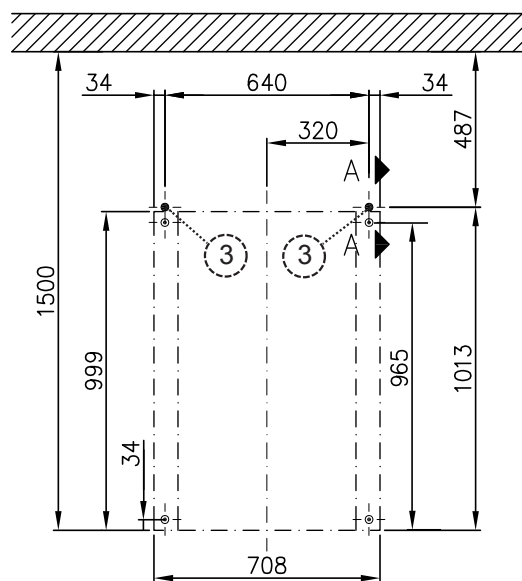
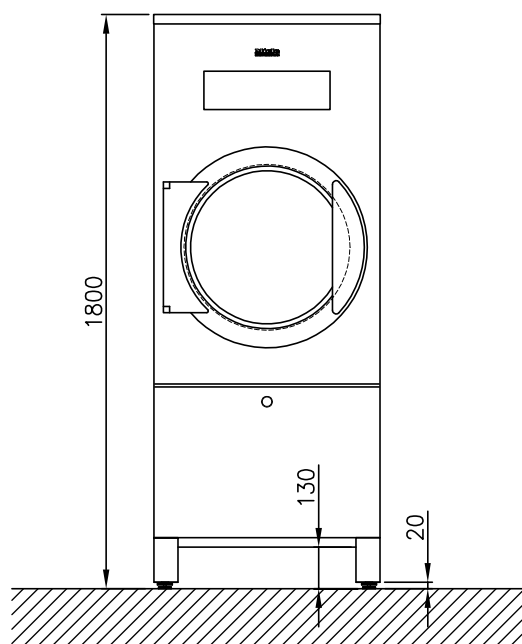
Installation



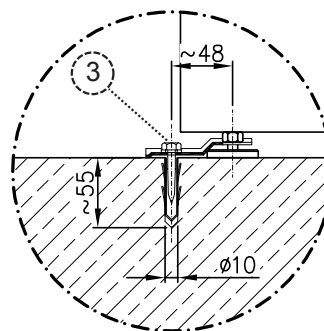
① Electrical connection

② Condensate drainage

Set up



A - A



③ Anchoring point (optional)

Electrical data

Voltage variant 3N AC 400 V, 50 Hz

Voltage	3N AC 400 V
Frequency	50 Hz
Fuse rating	3 x 16 A
Total connected load	2,6 kW
Current draw	3 x 8,5 A
Connection cable, min. cross-section	5 x 2,5 mm ²
Cable gland	M25 x 1,5

Condensate drainage

External diameter	32 mm
Length (from the rear panel)	50 mm

Transport data

Packaging width	800 mm
Packaging height	1810 mm
Packaging depth	1180 mm
Volume	1651,8 l
Weight (gross)	213 kg

Installation data

Overall machine width	711 mm
Overall machine height	1800 mm
Overall machine depth	1075 mm
Casing width (without add-on components)	708 mm
Casing height (without add-on components)	1800 mm
Casing depth (without add-on components)	999 mm
Machine weight (net)	202 kg
Max. floor load in operation	2220 N
Minimum width of loading aperture (internal width)	725 mm
Recommended distance between front of machine and the wall	1500 mm
Average heat dissipation rate to installation site	650 W
Emission sound pressure level in accordance with EN ISO 11204	57 dB (A)
Noise power level in accordance with EN ISO 9614-2	71 dB (A)

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