

Installation plan

# Tumble dryer



PT 5136  
PT 7136



To avoid the risk of accidents or damage to the machine, it is **essential** to read operating and installation instructions before installation and commissioning. This prevents both personal injury and damage to the machine.

en - GB

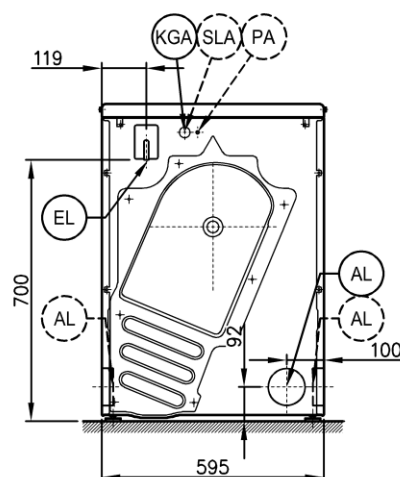
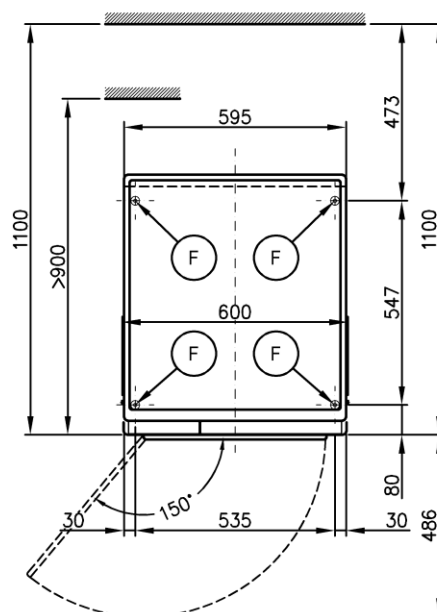
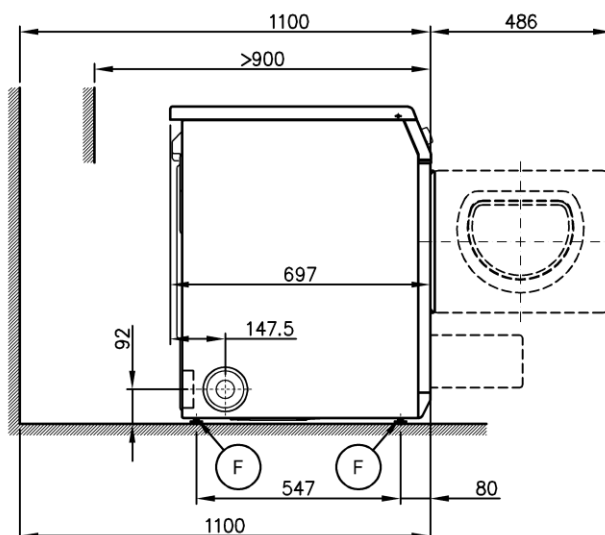
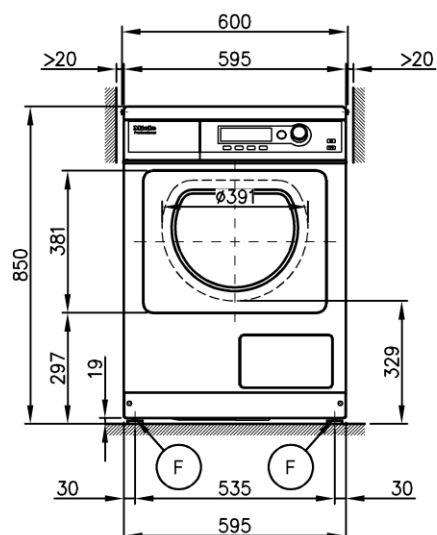
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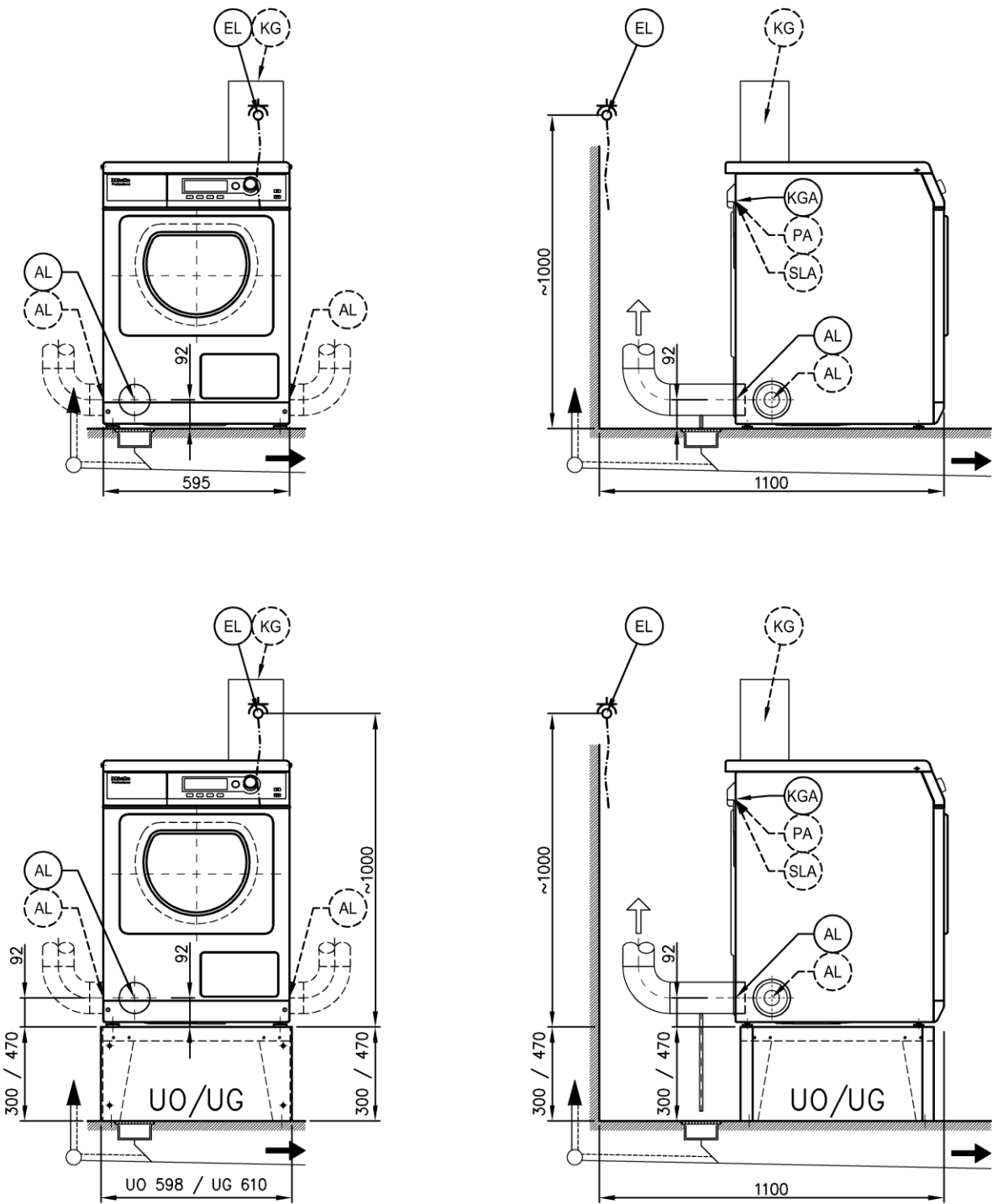
#### Legend:

	Connection required		Connection optional or required, depending on model
AL	Vented	KLZ	Cooling air
ASK	Condensate drain hose	PA	Equipotential bonding
B	Machine anchors	SLA	Peak-load connection
EL	Electrical connection	UG	Box plinth
F	Machine feet, adjustable	UO	Open plinth
KG	Payment system	WTV	Washer-dryer stacking kit
KGA	Payment system connection	XKM	Communication module
KLA	Cooling air	ZL	Air intake

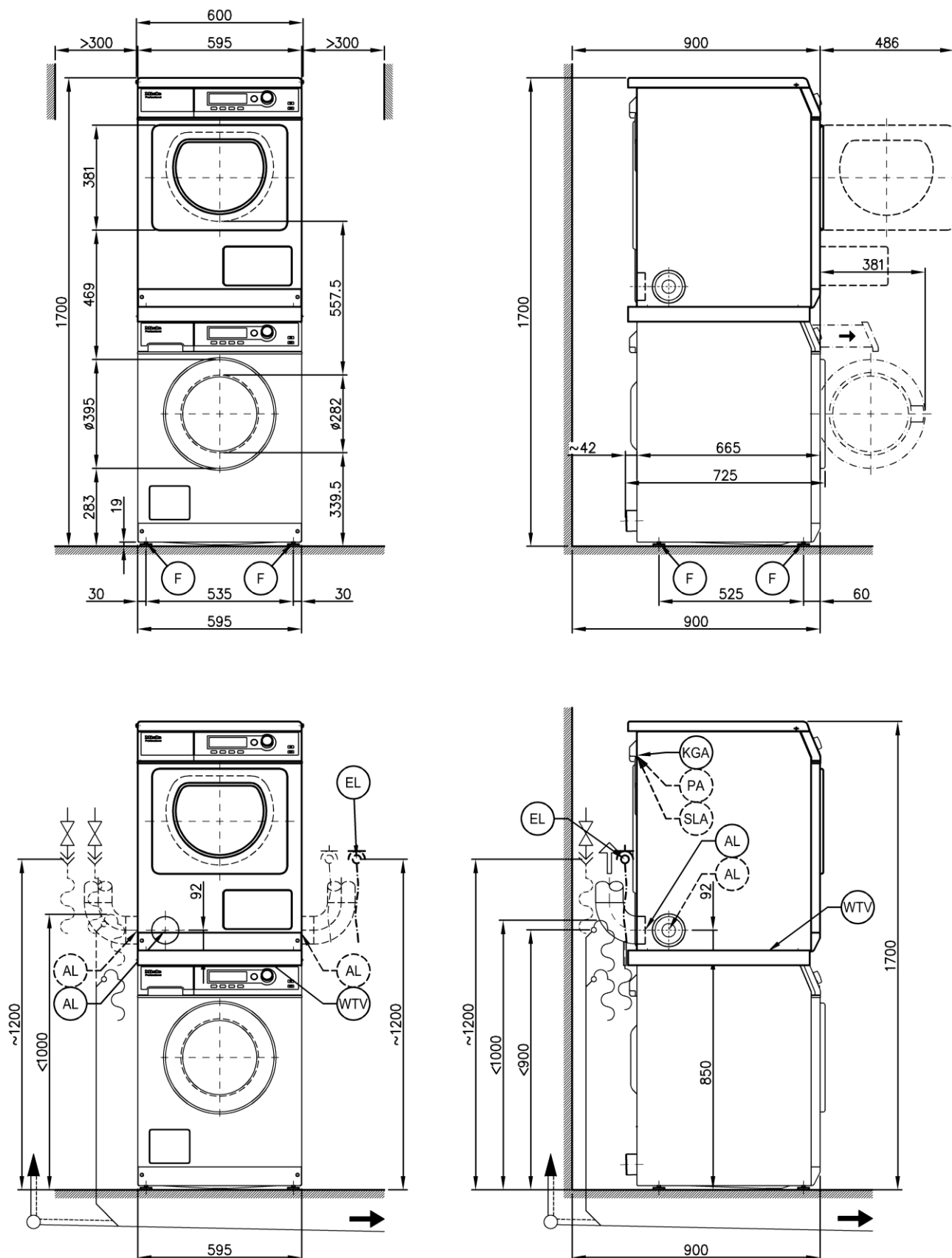
## Machine dimensions



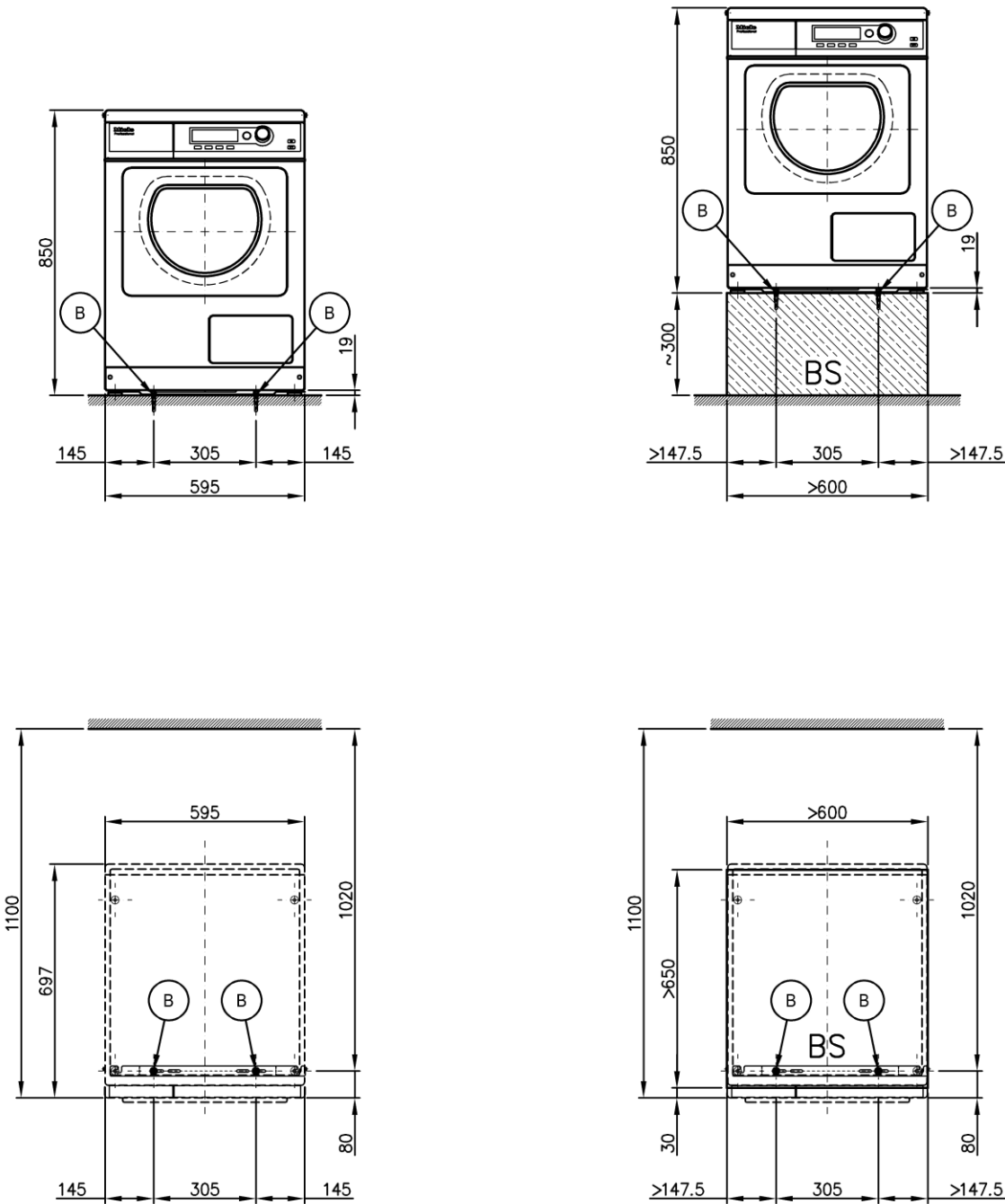
Installation



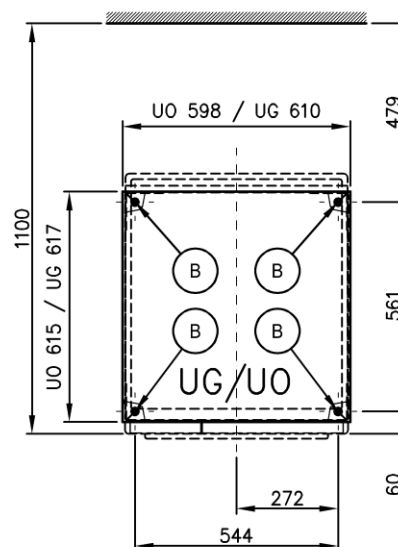
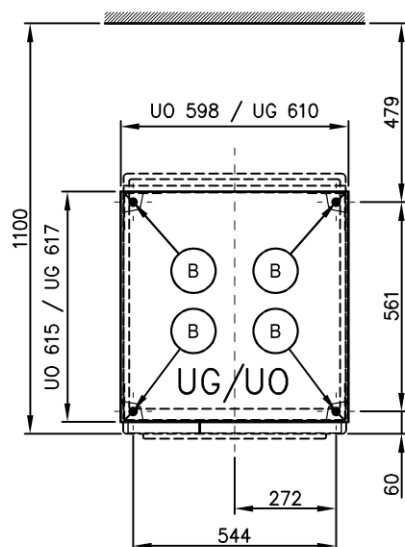
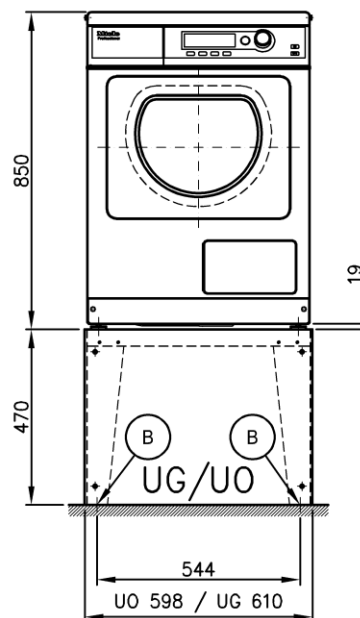
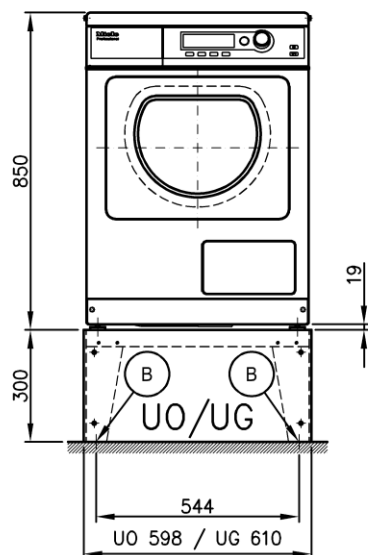
## Washer-dryer stack



Installation



## Installation



# Technical data

		PT 5136	PT 7136
Drying system		Vented	Vented
Drum volume	l	130	130
Load capacity	kg	6.5	6.5
Door opening diameter	mm	391	391

## Electrical connection (EL)

Standard voltage		3N AC 400 V	3N AC 400 V
Frequency	Hz	50	50
Total rated load	kW	6.4	6.4
Fuse rating (B trip rating according to EN 60898)	A	3 x 10	3 x 10
Supply lead min. cross-section	mm <sup>2</sup>	5 x 1.5	5 x 1.5
Supply lead without plug for hard-wired connection		●	●
Length of supply lead	mm	2000	2000
Alternative voltage (convertible by Service)		1N AC 230 V	1N AC 230 V
Frequency	Hz	50	50
Total rated load	kW	3.24	3.24
Fuse rating (B trip rating according to EN 60898)	A	1 x 16	1 x 16
Supply lead min. cross-section	mm <sup>2</sup>	3 x 1.5	3 x 1.5
Alternative voltage (convertible by Service)		3 AC 230 V	3 AC 230 V
Frequency	Hz	50	50
Total rated load	kW	6.4	6.4
Fuse rating (B trip rating according to EN 60898)	A	3 x 16	3 x 16
Supply lead min. cross-section	mm <sup>2</sup>	4 x 1.5	4 x 1.5

Non-standard voltage OS 440 (Offshore)		3 AC 440 V	3 AC 440 V
Frequency	Hz	60	60
Total rated load	kW	6.4	6.4
Fuse rating (B trip rating according to EN 60898)	A	3 x 16	3 x 16
Supply lead min. cross-section	mm <sup>2</sup>	4 x 1.5	4 x 1.5
Supply lead without plug for hard-wired connection		●	●
Length of supply lead	mm	2000	2000

Non-standard voltage OS 400 (Offshore)		-	3N AC 400 V
Frequency	Hz	-	60
Total rated load	kW	-	6.4
Fuse rating (B trip rating according to EN 60898)	A	-	3 x 10
Supply lead min. cross-section	mm <sup>2</sup>	-	5 x 1.5
Supply lead without plug for hard-wired connection		-	●
Length of supply lead	mm	-	2000

Non-standard voltage OS 230 (Offshore)		-	3 AC 230 V
Frequency	Hz	-	60
Total rated load	kW	-	6.4
Fuse rating (B trip rating according to EN 60898)	A	-	3 x 16
Supply lead min. cross-section	mm <sup>2</sup>	-	4 x 1.5
Supply lead without plug for hard-wired connection		-	●
Length of supply lead	mm	-	2000

## Variations in the following countries:

Standard voltage 13A (GB only)		3N AC 400 V	3N AC 400 V
Frequency	Hz	50	50
Total rated load	kW	5.47	5.47
Fuse rating (B trip rating according to EN 60898)	A	3 x 13	3 x 13
Supply lead min. cross-section	mm <sup>2</sup>	5 x 1.5	5 x 1.5
Supply lead with plug		●	●
Length of supply lead	mm	2000	2000

● = standard, ○ = optional, + = only on request, - not available



# Technical data

		PT 5136	PT 7136
<b>Standard voltage 13A (GB only)</b>		-	<b>1N AC 220-230 V</b>
Total rated load	kW	-	50
Fuse rating (B trip rating according to EN 60898)	A	-	2.76 – 2.99
Supply lead min. cross-section	mm <sup>2</sup>	-	3 x 1.5
Supply lead with plug		-	●
Length of supply lead	mm	-	2000
<b>Standard voltage 25A (GB only)</b>		<b>1N AC 220-230 V</b>	<b>1N AC 220-230 V</b>
Frequency	Hz	50	50
Total rated load	kW	5.03 – 5.47	5.03 – 5.47
Fuse rating (B trip rating according to EN 60898)	A	1 x 25	1 x 25
Supply lead min. cross-section	mm <sup>2</sup>	3 x 2.5	3 x 2.5
Supply lead with plug		●	●
Length of supply lead	mm	2000	2000
<b>Standard voltage (DK only)</b>		<b>3N AC 400 V</b>	<b>3N AC 400 V</b>
Frequency	Hz	50	50
Total rated load	kW	6.4	6.4
Fuse rating (B trip rating according to EN 60898)	A	3 x 10	3 x 10
Supply lead min. cross-section	mm <sup>2</sup>	5 x 1.5	5 x 1.5
Supply lead without plug for hard-wired connection		●	●
Length of supply lead	mm	2000	2000
<b>Alternative voltage (convertible)</b>		-	<b>3 AC 230 V</b>
Total rated load	kW	-	6.4
Fuse rating (B trip rating according to EN 60898)	A	-	3 x 16
Supply lead min. cross-section	mm <sup>2</sup>	-	4 x 1.5
<b>Alternative voltage (convertible)</b>		-	<b>1N AC 230 V</b>
Total rated load	kW	-	3.24
Fuse rating (B trip rating according to EN 60898)	A	-	1 x 16
Supply lead min. cross-section	mm <sup>2</sup>	-	3 x 1.5
<b>Standard voltage (N only)</b>		<b>3 AC 230 V</b>	<b>3 AC 230 V</b>
Frequency	Hz	50	50
Total rated load	kW	6.4	6.4
Fuse rating (B trip rating according to EN 60898)	A	3 x 16	3 x 16
Supply lead min. cross-section	mm <sup>2</sup>	4 x 1.5	4 x 1.5
Supply lead with plug		●	●
Length of supply lead	mm	2000	2000
<b>Alternative voltage (convertible)</b>		<b>1N AC 230 V</b>	<b>1N AC 230 V</b>
Total rated load	kW	3.24	3.24
Fuse rating (B trip rating according to EN 60898)	A	1 x 16	1 x 16
Supply lead min. cross-section	mm <sup>2</sup>	3 x 1.5	3 x 1.5
<b>Standard voltage (USA only)</b>		<b>3 AC 208 V</b>	-
Frequency	Hz	60	-
Total rated load	kW	6.4	-
Fuse rating (B trip rating according to EN 60898)	A	3 x 30	-
Supply lead min. cross-section	mm <sup>2</sup>	4 x AWG10	-
Supply lead with plug		●	-
Length of supply lead	mm	2000	-
<b>Alternative voltage (convertible)</b>		<b>2 AC 208 V</b>	-
Total rated load	kW	4.3	-
Fuse rating	A	2 x 30	-
Connection cable		3 x AWG10	-

● = standard, ○ = optional, + = only on request, - = not available

# Technical data

		PT 5136	PT 7136
<b>Standard voltage (CDN only)</b>		<b>3 AC 208 V</b>	<b>3 AC 208 V</b>
Frequency	Hz	60	60
Total rated load	kW	6.4	6.4
Fuse rating	A	3 x 30	3 x 30
Supply lead min. cross-section	mm <sup>2</sup>	4 x AWG10	4 x AWG10
Supply lead without plug for hard-wired connection		●	●
Length of supply lead	mm	2000	2000
<b>Alternative voltage (convertible)</b>		<b>2 AC 208 V</b>	<b>2 AC 208 V</b>
Total rated load	kW	4.3	4.3
Fuse rating	A	2 x 30	2 x 30
Connection cable		3 x AWG10	3 x AWG10

<b>Standard voltage (AUS only)</b>		<b>1N AC 230 V</b>	<b>1N AC 220-230 V</b>
Frequency	Hz	50	50
Total rated load	kW	3.24	5.47 – 5.93
Fuse rating	A	1 x 16	1 x 25
Supply lead min. cross-section	mm <sup>2</sup>	3 x 1.5	3 x 2.5
Supply lead with plug		●	-
Supply lead without plug for hard-wired connection		-	●
Length of supply lead	mm	2000	2000
<b>Alternative voltage (convertible)</b>		<b>1N AC 230 V</b>	-
Total rated load	kW	2.2	-
Fuse rating	A	1 x 10	-
Connection cable		3 x 1.5	-

<b>Standard voltage (J only)</b>		-	<b>1N AC 200 V</b>
Frequency	Hz	-	50 – 60
Total rated load	kW	-	4.0
Fuse rating (B trip rating according to EN 60898)	A	-	1 x 20
Supply lead min. cross-section	mm <sup>2</sup>	-	3 x 2.75
Supply lead with plug		-	●
Length of supply lead	mm	-	2000

## Vented (AL)

Connection (ext. diameter)	mm	100	100
Max. waste air temperature	°C	80	80

### Electrical connection, 50 Hz

Max. permissible pressure loss	Pa	320	320
Max. flow rate w/o counterpressure (0 Pa) in vented mode	m <sup>3</sup> /h	300	300

### Electrical connection, 60 Hz

Max. permissible pressure loss	Pa	480	480
Max. flow rate w/o counterpressure (0 Pa) in vented mode	m <sup>3</sup> /h	340	340

## Equipotential bonding (PA)

Machine connection (with installation kit)		○	○
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## Peak load/energy management (SLA)

Machine connection (separate kit required)		○	○
Control signal voltage		230 V	230 V

## Payment system connection (KGA)

Connection of payment systems		●	●
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## Communication module (XKM)

RS 232 serial interface (XKM module retrofitting kit)		○	○
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## Installation on machine feet (F)

No. of machine feet	No.	4	4
Machine foot, height-adjustable with thread	mm	+14.5 / -7	+14.5 / -7
Machine foot diameter	mm	40	40

● = standard, ○ = optional, + = only on request, - not available

## Technical data

		PT 5136	PT 7136
<b>Anchoring (B)</b>			
<b>Standard anchoring</b>			
Floor anchor kit (for 2 machine feet)		●	●
Wood screws according to DIN 571	mm	6 x 50	6 x 50
Rawl plugs (diameter x length)	mm	8 x 40	8 x 40
<b>Anchoring of Miele plinths</b>			
Miele plinth installation (fasteners included)		O	O
Required anchor points	No.	4	4
Wood screws according to DIN 571	mm	8 x 65	8 x 65
Rawl plugs (diameter x length)	mm	12 x 60	12 x 60
<b>Plinth floor anchoring (to be provided on site)</b>			
Machine installation on permanent plinth (concrete or masonry)		O	O
Plinth installation footprint (W/D)	mm	600/650	600/650
Wood screws according to DIN 571	mm	6 x 50	6 x 50
Rawl plugs (diameter x length)	mm	8 x 40	8 x 40
<b>Machine data</b>			
Overall machine dimensions (H/W/D)	mm	850/600/709	850/600/709
Casing dimensions (H/W/D)	mm	850/595/697	850/595/697
<b>Site-access dimensions (H/W)</b>			
Min. site-access (excl. packaging)	mm	900/600	900/600
<b>Installation dimensions</b>			
Min. side gap	mm	20	20
Recommended side gap - washer-dryer stack	mm	300	300
Recommended min. distance to opposite wall from machine front	mm	900	900
Recommended distance to opposite wall from front of machine	mm	1100	1100
<b>Weights and floor loads</b>			
Machine weight (net weight)	kg	58	58
Max. floor load in operation	N	670	670
<b>Emissions</b>			
Sound pressure level in accordance with EN ISO 11204/11203	dB(A)	< 70	< 70
Heat dissipation rate to installation site	W	215	215

## Options / Accessories

	Features
<b>Box plinth (UG)</b>	
Box plinth, H 300 mm (UG 5005)	Galvanised plinth, stainless-steel sides
Box plinth, H 470 mm (UG 5005-47)	Galvanised plinth, octobluish stove-finished side panels
Box plinth, H 750 mm (UG 5005-75)	Galvanised plinth, octobluish stove-finished side panels
<b>Open plinth (UO)</b>	
Open plinth, H 300 mm (UO 5005)	Galvanised plinth, octobluish stove finish
Open plinth, H 470 mm (UO 5005-47)	Galvanised plinth, octobluish stove finish
<b>Washer-dryer stacking kit (WTV)</b>	
Stainless-steel kit (WTV 5062)	Washer-dryer stacking kit
Lotus white kit (WTV 5061)	Washer-dryer stacking kit
<b>Payment systems (KG)</b>	
Single unit (C 4060)	Payment system (programme operation only)
Single unit (C 4065)	Payment system (time and programme operation)
Single unit (C 4070)	Payment system for tokens and euro coins, time and programme operation
Single unit (C 5200 BT)	Payment terminal for GeldKarte transactions

### Accessories

Peak load/energy management kit (BSS)	Connection for peak-load and energy management functionalities
Equipotential bonding kit	Kit (Mat. no 09439350) available from Spares
Communication module XKM (XKM RS 232-10)	Retrofitting kit XKM module with RS 232

● = standard, O = optional, + = only on request, - not available

# Installation and planning notes

## Installation requirements

Electrical connection should only be made to a power supply provided in accordance with all appropriate local and national legislation and regulations.

In addition, all regulations issued by the appropriate utilities as well as standards relating to occupational safety, and all applicable valid regulations and technical standards must be observed!

## General operating conditions

Ambient temperature in installation room: +2°C to +35°C.

This machine should not be operated in the same room as dry-cleaning equipment using perchloroethylene or solvents containing CFCs. Motor sparking may convert solvent vapours into hydrochloric acid which can lead to consequential damage.

## Electrical connection

Depending on the model, the machine is delivered with a supply lead with/without a plug.

The washer may only be connected to an electrical system that conforms to the national and local codes and regulations. The installation must be performed by a qualified electrician.

The appliance data plate indicates the nominal power consumption and the appropriate fuse capacity. Compare the specifications on the data plate with those of the electrical power supply.

The machine can be hard-wired or connected using a switched connection in accordance with IEC 60309-1. It is always recommended to make electrical connection via a plug and socket so that electrical safety checks, e.g. during repair or service work, can be carried out easily.

If the machine is hard wired, a dual circuit breaker must be provided on-site. When switched off there must be an all-pole contact gap of 3 mm in the isolator switch (including switch, fuses and relays according to IEC/EN 60947).

The plug connectors or isolator switch should be easily accessible for servicing work. If the machine is disconnected from the electricity supply ensure adequate measures are taken to ensure that the machine cannot be reconnected to the electricity supply until all work has been carried out.

New connections, modifications to the system or servicing of the ground conductor, including determining the correct fuse amperage, must be carried out by a qualified electrician, as they are familiar with the pertinent regulations and the specific requirements of the electric utility company.

If converting the machine to an alternative voltage, observe the instructions in the wiring diagram. Conversion must be performed by an authorised agent or a Miele service technician. The heater rating must also be properly set.

The machine must be permanently connected to the electricity supply so that the door can be opened. For this reason, it must not be connected to devices such as timers which would switch it off automatically.

References to cable cross-sections in the technical data refer only to the required supply lead. Please consult relevant local and national regulations when calculating any other wire gauges.

## Vent connection

Hot moist waste air should be vented to atmosphere along the shortest possible route or connected to a suitable vent system.

Depending on the duct path, the damp exhaust air can condense on the duct walls to a greater or lesser extent. For this reason it is recommended to lay ducting with a downwards slope to the air exit.

If ducting slopes upwards, a condensate trap either with a drip tray or a connection to a suitable on-site drain must be fitted in the system at the lowest point.

Condensate must not flow back into the machine!

It is permissible to vent waste air via an external wall. In this case, measures must be taken to minimise the risk and annoyance to neighbouring buildings.

The end of a waste air duct leading into the open should be protected against the elements, e.g. using a suitable hood or grille or with a 90° bend.

The cross-sectional area of the vent duct must not be reduced or obstructed by built-in parts. Filters and louvres must not be fitted in the vent duct.

Congestion in the line may result in a drop in machine performance or to machines being switched off to guarantee safety.

Proper functioning can not be guaranteed if the max. permissible pressure loss is exceeded in the vent ducting system,

When connecting several machines to a common duct, the cross-sectional area of the duct must be increased accordingly.

Additionally, in such a case every machine must have its own non-return valve to prevent machines affecting others in the system. This requires the provision of on-site additional parts.

In the event that waste air ducts from several machines are merged in a single collection pipe, a non-return device should be installed in each separate line to prevent backflow.

With complex ducting with many bends and additional components, or with the connection of several different machines to a common duct, it is recommended that a detailed calculation is carried out by a suitable specialist.

## Air intake

The air supply for the machine is taken directly from the installation site.

During operation, adequate ventilation of the installation site should be guaranteed. Depending on the machine version, it is necessary to ensure an intake of fresh air to compensate for the volume of waste air and waste gas extracted in order to avoid the creation of a vacuum.

It should not be possible to close or otherwise obstruct air intake grilles or alternative measures should be implemented to ensure that an adequate supply of fresh air is available at all times during machine operation.

## Equipotential bonding

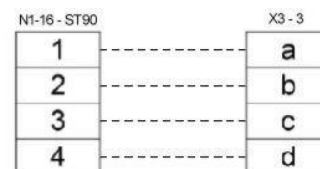
If necessary, equipotential bonding with good galvanic contact must be guaranteed in compliance with all applicable local and national installation specifications.

Connection material for equipotential bonding must be provided on site or using a kit available from Miele Spares.

## Peak load/energy management

The machine can be connected to a peak-load or energy management system using an optional kit.

Three signals are issued by the machine via a terminal strip. The terminal strip is labelled a, b, c, and d.



a - Output signal, Start of machine operation

b - Output signal, Machine heating request

c - Peak-load input signal, Machine heating deactivated

d - Neutral conductor

When a peak-load signal is received, the heating is deactivated and the programme stopped. An appropriate message appears in the display.

The programme is resumed automatically when the peak-load system reactivates the heating.

**Payment system**

This machine can be fitted with a single-machine payment system (optional accessory). The necessary programming should only be performed by a qualified agent or by Miele Service.

**Serial interface**

The serial interface is provided by an additional XKM RS323 module. Connected external machines must also be fused in accordance with SELV requirements. External connection units must also comply with SELV.

The plug-in module is provided with a connection cable and a D-Sub plug for connection.

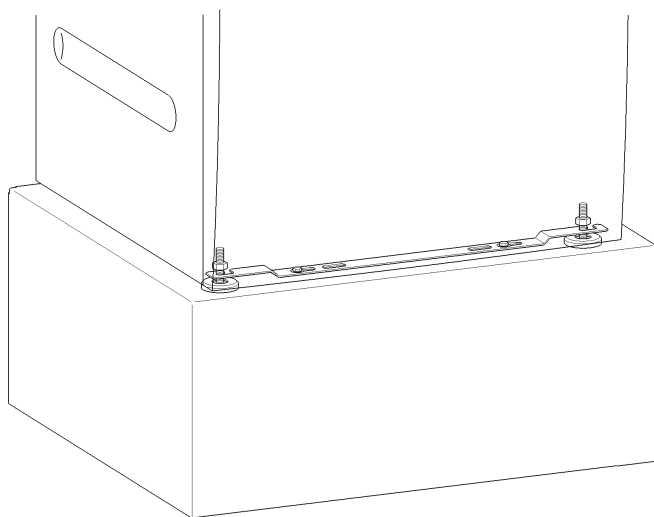
**Installation and anchoring**

The machine must be installed on a perfectly smooth, level and firm surface which is able to withstand the quoted loads.

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

It is not absolutely necessary to bolt the machine to the floor.

The machine should be levelled in both directions with the aid of the adjustable feet.



The anchors provided can be used to bolt the machine to the floor by both front feet. The material provided is intended for use in bolting the machine to a concrete floor.

Bolts and fasteners for all other floor types must be provided on site.

**Plinth installation**

The machine can be installed on a machine plinth (open or box plinth, available as an optional Miele accessory) or on a concrete platform to be provided on site.

The quality of the concrete and its strength must be assessed according to the machine load. Ensure that any raised concrete plinth is adequately bonded to the concrete floor below!

If the machine is installed on a concrete or masonry plinth, it must be secured using the anchors supplied with the machine. Otherwise there is the danger of the machine moving and falling off the plinth during spinning.

**Washer-dryer stack**

A Miele tumble dryer can be stacked on top of the washer-extractor. A "WTV" stacking kit (optional accessory) is required for this.

Installation of the stacking kit must be performed by Miele Service or an authorised agent.