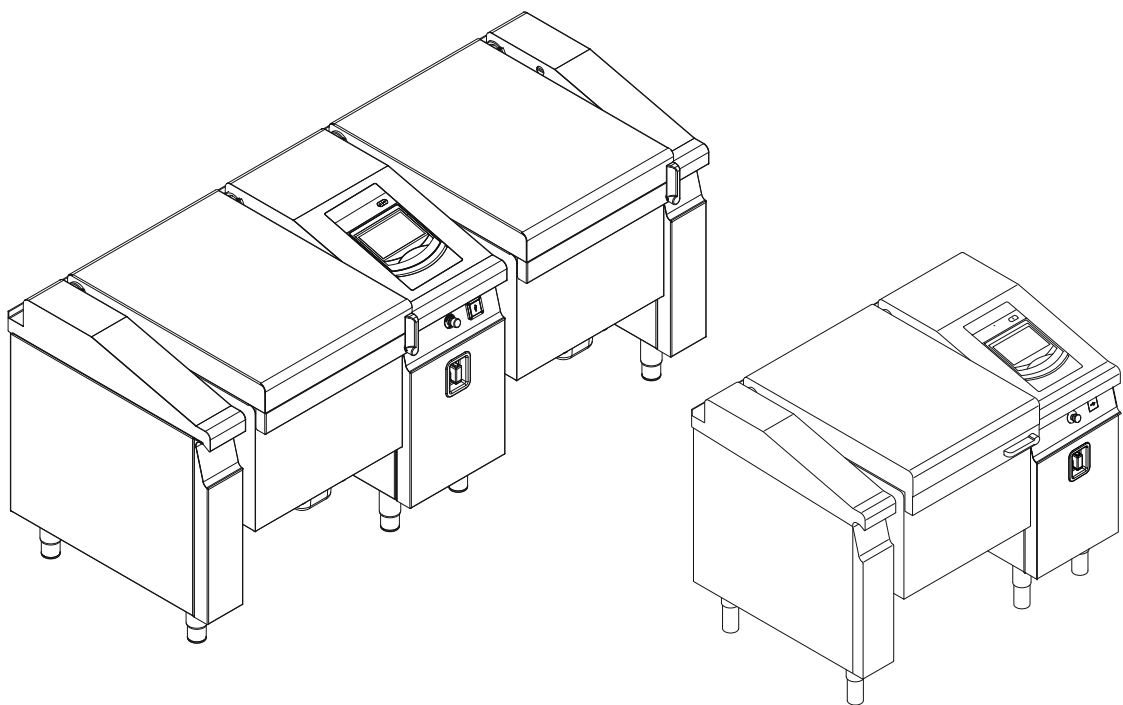


Read the operating instructions prior to commissioning

Installation instructions

FlexiChef



Translation from the original document • 4426201-20AIBE-D • 29/01/2019

Unit	Type of energy	Unit type	Version	Model
FlexiChef FlexiChef Marine	Electric	Suspended unit	Tilting Deep-frying Pressure-cooking Cleaning	FIEKMP1...
		Floor-standing unit		FCEKMP1... FCEKMP3...
FlexiChef Team				FCEKMP2...

Manufacturer

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1 Introduction

1.1 About this manual

The instruction manual is part of the unit and contains information on safe installation of the unit.

Observe and adhere to the following instructions:

- Read the instruction manual in its entirety prior to installation.
- Make the instruction manual available to the installer at the operating site at all times.
- Preserve the installation manual throughout the service life of the unit.
- Insert any supplements from the manufacturer.
- Pass on the installation manual to any subsequent operator of the unit.

Target group The target group for the installation manual is trained technical personnel that is familiar with installing and operating the unit.

Figures All figures in this manual are intended as examples. Discrepancies between these and the actual unit can arise.

1.1.1 Explanation of signs



DANGER
Imminent threat of danger

Failure to comply will lead to death or very severe injuries.



WARNING
Possible threat of danger

Failure to comply can lead to death or very severe injuries.



CAUTION
Dangerous situation

Failure to comply can lead to slight or moderately severe injuries.

ATTENTION
Physical damage

Failure to comply can cause physical damage.



Notes for better understanding and operation of the unit.

Symbol / sign	Meaning
•	Listing of information.
→	Action steps, which can be performed in any sequence.
1. 2.	Action steps, which must be performed in the specified sequence.
↳	Result of an action performed or additional information about it.

1.2 Personnel qualifications

Explanation of qualification

Skilled staff	<ul style="list-style-type: none"> • Skilled staff are those, who due to their professional training, knowledge and experience as well as their knowledge of the relevant standards can assess the tasks given to them and recognize any possible dangers.
Expert	<ul style="list-style-type: none"> • An expert is a person, who has sufficient professional knowledge on the basis of his training and experience, and who is sufficiently familiar with the relevant regulations, guidelines and rules covering the particular technology, that he can assess the safe operating condition of the system. • The person must be named in writing by the specialist company concerned, and the remit of his authorised tasks must also be stated.

Type of activity	Qualification
Power connection	<ul style="list-style-type: none"> • Electrician • Specific professional training • Employee of the specialist company concerned
Water connection	<ul style="list-style-type: none"> • Plumber • Specific professional training • Employee of the specialist company concerned
Wastewater connection	<ul style="list-style-type: none"> • Wastewater specialist • Specific professional training • Employee of the specialist company concerned

1.3 Use of the unit

This unit is intended to be used solely for commercial purposes, particularly in commercial kitchens.

The use of the unit is prohibited in the following countries:

- USA
- Canada

1.4 Warranty

The warranty is void and safety is no longer assured in the event of:

- Improper conversion or technical modifications of the unit,
- Improper use,
- Incorrect startup, operation or maintenance of the unit,
- Problems resulting from failure to observe these instructions.

2 Safety information

The unit complies with applicable safety standards. Residual risks associated with operation or risks resulting from incorrect operation cannot be ruled out and are mentioned specifically in the safety instructions and warnings.

The installer must be familiar with regional regulations and observe them.

The installer must observe the safety instructions in these mounting instructions and in the "Safety information" chapter of the operating instructions.

Ensuring conformity with standards Observe applicable international, European and national laws, regulations, standards and directives for the unit when transporting, setting up and connecting it.

Improper installation Risk of property damage and personal injury from improper installation

- Install the unit only as specified in these installation instructions.
- Do not add anything to the unit or modify the unit.
- Use only original spare parts.

Transportation and storage Risk of personal injury and property damage from improper transportation and improper storage

- Store the unit in a dry, frost-free environment.
- Observe the safety regulations for the lifting gear used.
- Attach the unit to the lifting gear securely during transport and setup, and prevent it from dropping.
- Transport the unit in an upright position, do not tilt or stack.
- Pay attention to protruding parts when transporting the unit without packaging.

Fire prevention Risk of fire from combustible surfaces

- Observe general fire prevention regulations.
- When setting up the unit in close proximity to heat-sensitive substances or substances that pose a risk of fire, observe fire prevention regulations.

Organisational measures Risk of property damage and personal injury from lack of organizational measures

- Identify hazard areas when transporting, setting up and connecting the unit.
- Prior to starting the installation work, notify any operators present about the procedure.
- Prior to starting the installation work, discuss how to behave in an emergency.

- Use equipment and protective gear suitable for the activity.
- Brace housing components to prevent them from falling over and dropping.

Setup Risk of property damage and personal injury from improper setup

- Ensure that the installation area has adequate load-bearing capacity.
- Ensure that the unit is stable when set up and aligned.
- Wear safety shoes and protective gloves.

Electrical connection Risk of fire from improper connection

- Observe applicable regional regulations of the electrical utility.
- Ensure that only electricians licensed by the electric utility connect the unit.
- Ensure that the electrical system is earthed by a protective earthing conductor.
- Note the information on the nameplate.

Risk of electric shock from live components.

- Prior to working on the electrical system, switch off the unit, disconnect the electrical system from the mains and prevent power from being switched on again. Check to ensure absence of voltage.
- Use only insulated tools.
- Do not put a unit with damaged operating elements into service.

Additional connection work Risk of physical damage and personal injury from improper connection

- Prior to working on the unit, switch off the unit, disconnect the unit from the mains and prevent power from being switched on again. Check to ensure absence of voltage.
- Route connection lines such that they cannot be damaged from heat.

Concluding activities Risk of damage to property and personal injury from improper connections

- Reactivate all safety devices and check that they function properly.

Commissioning Risk of property damage and personal injury from improper commissioning

- Read the operating instructions prior to commissioning. Observe the safety instructions in this installation manual and in the "Safety information" chapter of the operating instructions.

Safety information

- Put the unit into service only after a successful function test following assembly.
- Put the unit into service only after it has reached room temperature.
- Observe the units during operation.

3 Description of the unit

3.1 Overview of the unit

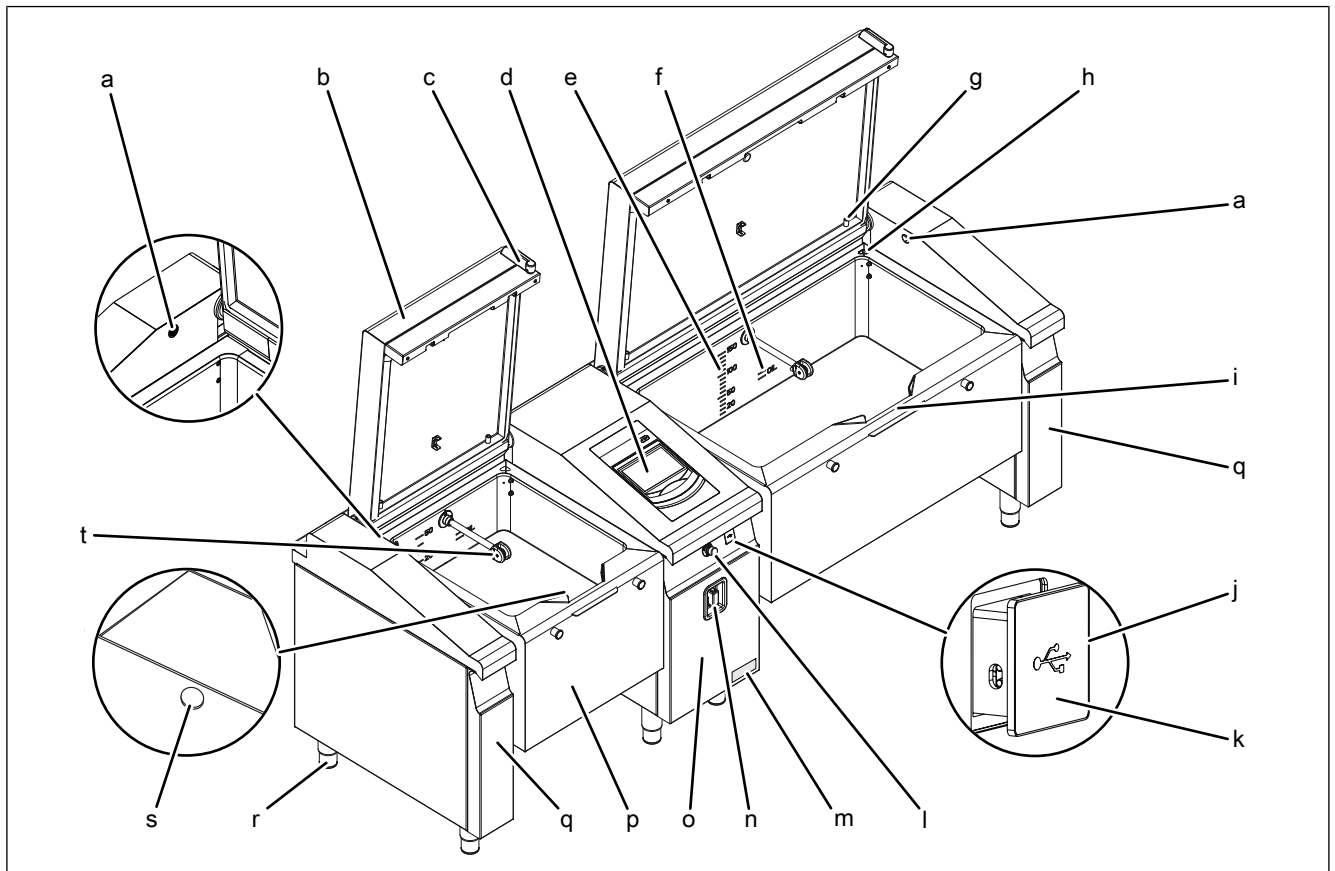


Image: Tilttable unit with pressure cooking and cleaning

- | | | | |
|---|---------------------------------|---|------------------------------|
| a | Water inlet | k | MultiPort |
| b | Lid | l | <i>Emergency stop switch</i> |
| c | Lid handle (optional) | m | Nameplate |
| d | Control unit | n | Hand shower |
| e | <i>Water</i> fill level mark | o | Control arm |
| f | "OIL" fill level mark | p | Pan |
| g | Core temperature sensor | q | Side arm |
| h | Pressure relief line (optional) | r | Equipment leg |
| i | Spout | s | Drain |
| j | USB port | t | Cleaning lance (optional) |

3.2 Equipment and connection data

All models	
Tap water connection	
Type of water	Tap water, cold
	Tap water, warm
Maximum water temperature (°C)	60
Flow rate, (l/min)	13 — 17
Carbonate hardness CaCO ₃ , mmol/l (°dH)	< 2.5 (< 14)
Chloride Cl (mg/l)	< 100
Iron Fe (mg/l)	< 0.2
Connection pressure kPa (bar)	200 — 600 (2 — 6)
Connection size (")	3/4 cap nut, flexible hose DN 20
Operating environment	
Temperature (° C)	5 — 40
Relative humidity (%) non-condensing	95
Data interfaces	
USB port	USB 1.0 only for USB flash drives
HACCP	RJ45 network cable (CAT5)
Power optimisation system	
Connection terminal (mm ²)	1.5
Wastewater connection	
Wastewater type	Dirty water, maximum 80 °C
Line length	HAT pipe DN 50*, if < 3 m with a drop of at least 8 % or 4°
Line length	HAT pipe DN 70*, if < 3 m with a drop of at least 4 % or 2°
Maximum flow rate with permanent connection (l/min)	50 FlexiChef / 2 x 50 FlexiChef Team
Maximum flow rate with floor channel (l/min)	70
* Marine version in stainless steel	

FlexiChef

Model	FCEKMP					
	FIEKMP		FIEKMP		FIEKMP	
Size	11XXX	31XXX	12XXX	32XXX	13XXX	33XXX
Dimensions						
Unit length x width x carcass height (mm)	1250 x 850 x 700		1450 x 850 x 700		1750 x 850 x 700	
Weight						
Unit with ReadyXpress standard pan (kg)	280		325		393	
Unit with ReadyXpress deep pan (kg)	---		330		400	
Non-pressurised unit with standard pan (kg)	---		270		323	
Non-pressurised unit with deep pan (kg)	---		275		330	
Content						
Maximum fill quantity (l) for standard pan	50		75		100	
Maximum fill quantity (l) for deep pan	---		100		150	
Power connection						
Protection class	IPX6					
Type of connection	3PE / AC 50/60 Hz, 3NPE / AC 50/60 Hz					
Connection terminal (mm ²)	50					
Voltage (V)	380					
Connected load (kW)	11.7		15.6		23.4	
Fuse (A)	3 x 25		3 x 35		3 x 50	
Voltage (V)	400					
Connected load (kW)	13		17.3		25.9	
Fuse (A)	3 x 25		3 x 35		3 x 50	
Voltage (V)	415					
Connected load (kW)	14		18.6		27.9	
Fuse (A)	3 x 25		3 x 35		3 x 50	
Voltage (V)	440					
Connected load (kW)	---		17.3		25.9	
Fuse (A)	---		3 x 32		3 x 50	
Emission						
Noise level (db (A))	< 70					
Heat output (operation as boiling kettle and cooking appliance) *						
Latent (W)	2600		3460		5190	
Sensible (W)	460		610		910	

Description of the unit

Model	FCEKMP					
	FIEKMP		FIEKMP		FIEKMP	
Size	11XXX	31XXX	12XXX	32XXX	13XXX	33XXX
Heat output (operation as tiltable frying pan) *						
Latent (W)	5190		6920		10370	
Sensible (W)	5840		7780		11670	
Heat output (operation as deep-fat fryer) *						
Latent (W)	9080		12100		18150	
Sensible (W)	1170		1560		2340	
Heat output (operation as pressure cooking kettle) *						
Latent (W)	130		180		260	
Sensible (W)	520		700		1040	
* The sensible and latent heat quantities have been determined in Germany on the basis of VDI 2052 at a connection voltage of 400 V. The applicable regional regulations may vary from this.						

FlexiChef Team

Size	Model FCEKMP2					
	1XXX-1XX X	1XXX-2XX X 2XXX-1XX X	1XXX-3XX X 3XXX-1XX X	2XXX-2XX X	2XXX-3XX X 3XXX-2XX X	3XXX-3XX X
Dimensions						
Unit length x width x carcass height (mm)	2100 x 850 x700	2300 x 850 x700	2600 x 850 x700	2500 x 850 x700	2800 x 850 x700	3100 x 850 x700
Weight						
Unit with ReadyXpress standard pan (kg)	490	535	603	580	648	716
Unit with ReadyXpress deep pan (kg)	---	540	610	590	660	730
Non-pressurised unit with standard pan (kg)	---	480	533	470	523	576
Non-pressurised unit with deep pan (kg)	---	485	540	480	535	590
Content						
Maximum fill quantity (l) for standard pan	50 + 50	50 + 75	50 + 100	75 + 75	75 + 100	100 + 100
Maximum fill quantity (l) for deep pan	---	50 + 100	50 + 150	100 + 100	100 + 150	150 + 150
Power connection						
Protection class	IPX6					
Type of connection	3NPE / AC 50/60 Hz					
Connection terminal (mm ²)	50					
Voltage (V)						
Connected load (kW)	23.3	27.2	35	31.1	38.9	46.7

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	Model FCEKMP2					
Size	1XXX-1XX X	1XXX-2XX X 2XXX-1XX X	1XXX-3XX X 3XXX-1XX X	2XXX-2XX X	2XXX-3XX X 3XXX-2XX X	3XXX-3XX X
Fuse (A)	3 x 50	3 x 63	3 x 80	3 x 63	3 x 80	3 x 100
Voltage (V)	400					
Connected load (kW)	25.9	30.2	38.8	34.5	43.1	51.7
Fuse (A)	3 x 50	3 x 63	3 x 80	3 x 63	3 x 80	3 x 100
Voltage (V)	415					
Connected load (kW)	27.9	32.5	41.8	37.1	46.4	55.7
Fuse (A)	3 x 50	3 x 63	3 x 80	3 x 63	3 x 80	3 x 100
Emission						
Noise level (db (A))	< 70					
Heat output (operation as boiling kettle and cooking appliance) *						
Latent (W)	5190	6050	7780	6920	8650	10370
Sensible (W)	910	1060	1370	1210	1520	1820
Heat output (operation as tiltable frying pan) *						
Latent (W)	10370	12100	15560	13830	17290	20740
Sensible (W)	11670	13610	17500	15560	19450	23330
Heat output (operation as deep-fat fryer) *						
Latent (W)	18150	21170	27220	24200	30250	36290
Sensible (W)	2340	2730	3500	3120	3890	4670
Heat output (operation as pressure cooking kettle) *						
Latent (W)	260	310	390	350	440	520
Sensible (W)	1040	1210	1560	1390	1730	2080
* The sensible and latent heat quantities have been determined in Germany on the basis of VDI 2052 at a connection voltage of 400 V. The applicable regional regulations may vary from this.						

Pressure relief device

All models with pressure cooking			
Safety function	Connection (")	Response pressure (kPa (bar))	Position
Pressure relief valve for cooking zone	G 3/4	90 (0.9)	Side arm, front top

Description of the unit

Basic control setting

Basic setting	Standard value	Range of adjustment	Explanation
Date / time		yyyy - mm - dd hh : mm	Year - Month - Day Hour : Minute
Altitude	1 — 300	0 — 3000 m	Request the altitude above sea level from the closest weather station. If the altitude is unknown, enter 1 – 300 m.

4 Transporting the unit



WARNING

Risk of fatal injury from unit tilting or rolling away on a sloping surface

- Do not linger in the hazard area.
- Anchor the unit securely on a pallet.
- Secure the transport equipment and pallet adequately against rolling away.



CAUTION

Risk of property damage and personnel injury from tipping equipment

- Do not linger next to or behind raised equipment.
- Move raised equipment carefully.

ATTENTION

Risk of physical damage from improper transport

- Transport the unit upright.
- Do not tilt or stack the unit.
- Pay attention to protruding parts when transporting the unpacked unit.

Prior to transporting the unit to the installation site, ensure that:

- The roadway has adequate load-bearing capacity.
- Wall openings are large enough.
- The transport equipment has adequate load-bearing capacity.

4.1 Reducing the unit's clearance width

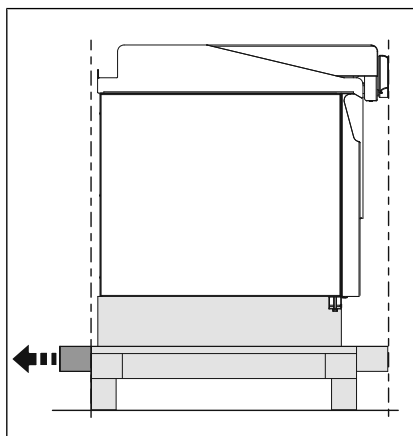


Image: Reducing the unit's clearance width

The clearance width can be reduced slightly by removing the side timbers.

4.2 Transporting the unit to the installation site

ATTENTION

Risk of physical damage from improper transport

- Always transport the unit on a pallet.
 - Transport the unit upright.
 - Only transport the unit, if the transport securing device has been fitted.
 - When transporting the unit without packaging, pay attention to protruding equipment components (e. g. handles).
-

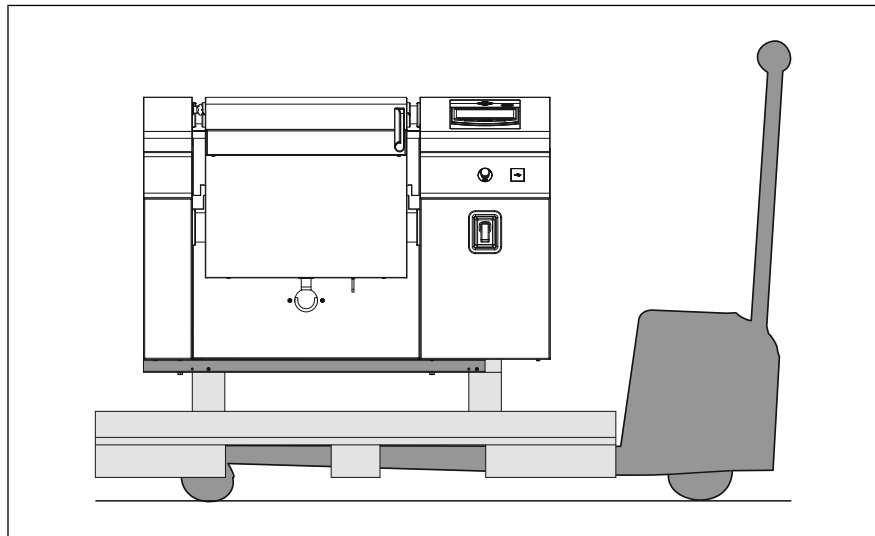


Image: Transporting the unit

1. Secure the pallet against sliding and tipping over.
2. Use suitable transport means to move the unit to the installation site.

4.3 Unpacking the unit



CAUTION

Risk of injury from sharp edges

- Wear protective gloves.
-



When unpacking the unit, inspect it for transport damage.

Do not install damaged units or put into service.

1. Remove the packaging.
2. Pull the protective film off the unit.
3. Clean the unit (See Operating instructions).
4. Enter the information from the nameplate into the Commissioning report.
5. Enter the information from the nameplate into the Operating instructions.

5 Setting up the unit



CAUTION

Risk of fire from failure to observe applicable regional fire prevention regulations

- Observe applicable regional fire prevention regulations.



CAUTION

Risk of crushing from improper setup

- Protect the unit and work area during setup and alignment.

Planning drawing

The planning drawing and additional documents are available on the manufacturer's Internet page by entering the equipment number (see Impressum).

5.1 Attaching equipment legs

The equipment legs are enclosed with the unit and must be attached before setting up the unit.



The equipment legs can be fitted without raising the unit on the pallet.

If the unit is set up with the aid of a special lifting device, only attach the rear equipment legs.

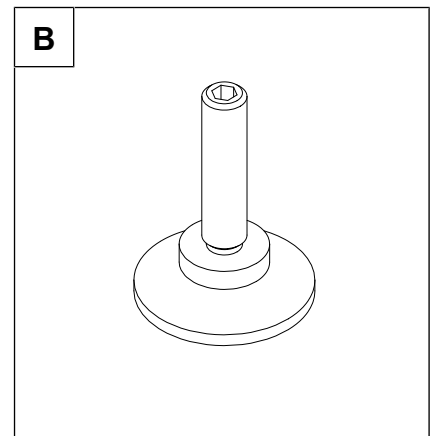
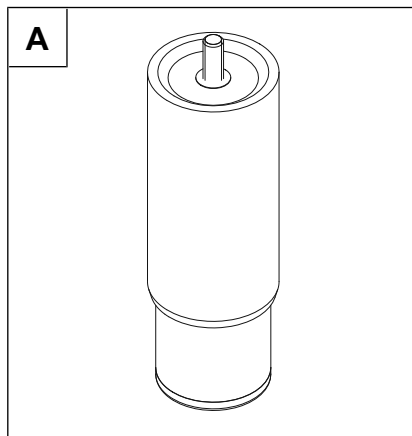


Image: A Equipment leg for setting up on legs, B Equipment leg for setting up on a base

Requirement The unit is standing firmly on the pallet

→ Screw the equipment leg completely into the position provided and tighten it only hand-tight.

5.2 Lifting the unit off the pallet



WARNING**Risk of injury from falling unit**

- Secure the unit adequately when lifting and lowering.
 - Do not linger under the unit when lifted.
-



CAUTION**Risk of property damage and personnel injury from tipping equipment**

- Do not linger next to or behind raised equipment.
 - Move raised equipment carefully.
-

5.2.1 Lifting the unit off the pallet with a forklift truck

ATTENTION**Risk of physical damage from distortion of the unit**

- Only raise the unit, if the transport securing device and rear support have been fitted.
 - Always raise the FlexiChef Team with two forklift trucks simultaneously.
-

The unit is supplied with a transport securing device.

Additional support at the rear of the unit is required to lift it safely.

Requirement for additional support for the unit

- Square metal profile at least 40 x 40 x 2 mm.
- Or use timber from the pallet.
- Timber cut to the maximum length between the pallet supports.

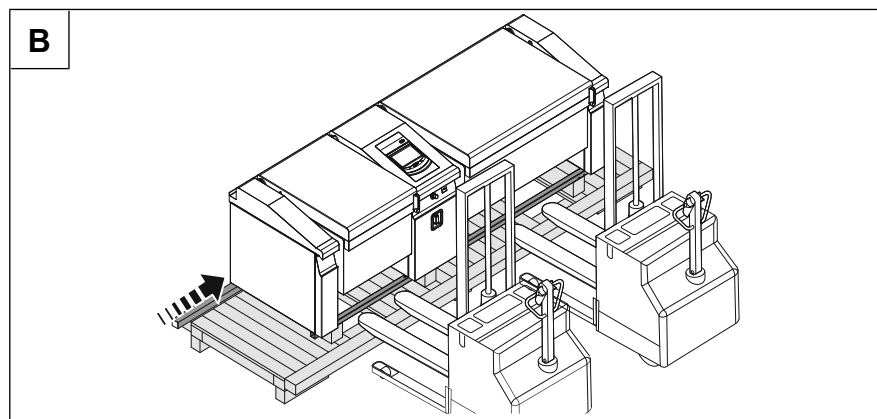
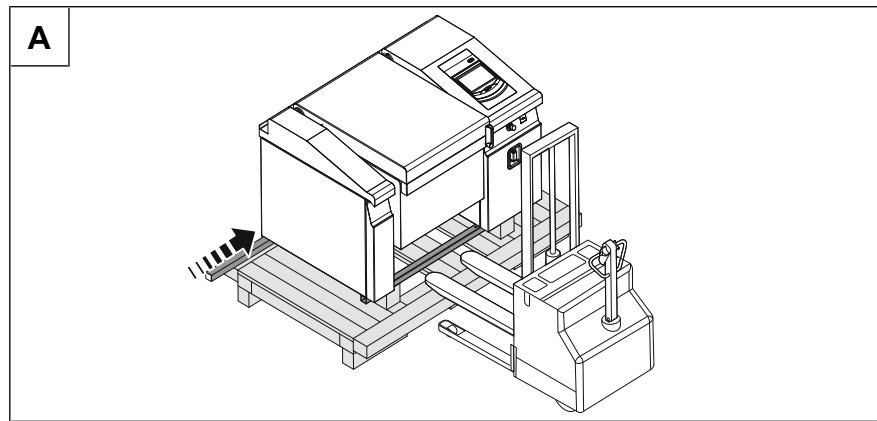


Image: A Lifting FlexiChef from pallet, B Lifting FlexiChef Team from pallet

Requirement The transport securing device is present
The rear support is present

1. Drive under the transport securing device with a forklift truck.
2. Place the rear support of the unit on the forks of the forklift truck.
3. Gently raise the forks and make sure, that the rear support does not shift and that it is securely in contact with the unit.
4. Lift the unit carefully off the pallet.

5.2.2 Lifting the unit off the pallet with a lifting device

A special lifting device is provided by the manufacturer for setting up the FlexiChef and FlexiChef Team easily.



Two lifting devices are required for the FlexiChef Team.

Removing the transport securing device

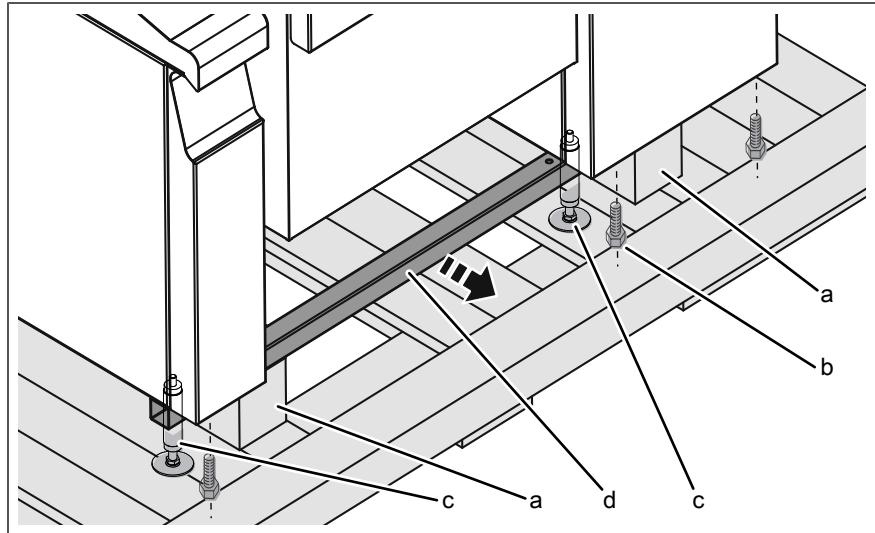


Image: Lifting device

a Timber support
b Screw

c Prop
d Transport securing device

Requirement Manufacturer's lifting device available

Pallet set down directly in front of the installation site

Rear equipment legs attached

1. Release the screws on the transport securing device and remove them.
2. Beside each timber support, screw a lifting device prop in hand-tight.
3. Using a spanner, wind up the props until the load on the transport securing device is relieved.
4. Remove the transport securing device.

Preparing the lifting device

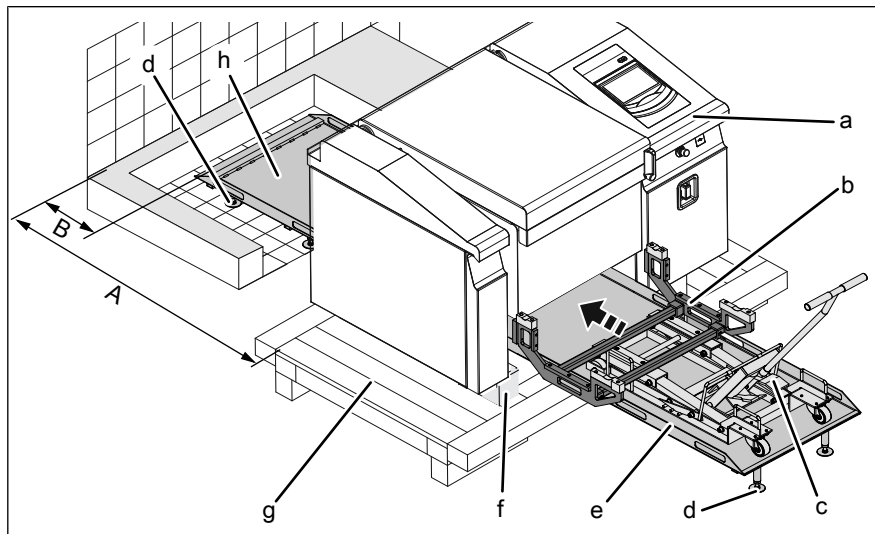


Image: Lifting device

- | | |
|--|---------------------------------------|
| a Control arm | e Rear support plate |
| b Pan carrier | f Timber support |
| c Lifting device | g Pallet |
| d Prop | h Front support plate |
| A Wall clearance to the timber support | B Wall clearance to the support plate |

A	B
1020	120
All dimensions in mm	

Requirements Manufacturer's lifting device available

The required accessories for the lifting device are complete and in a faultless condition

The operating instructions and safety information for the lifting device have been read completely and understood

1. Set the pallet down with the unit in front of the installation site.
 - ↳ Observe the wall clearance to the timber support.
2. Set 2 props for the rear support plate at pallet height and screw them in hand-tight.
3. Place the rear support plate on the pallet in such a way, that the angles grip through the pallet.
4. Set 4 props for the front support plate at pallet height and screw them in hand-tight.
 - ↳ When setting up on a full base, no props are required on the front support plate.
5. Insert the front support plate into the rear support plate.
 - ↳ Ensure that the bolts engage in the locking mechanism.
 - ↳ If a pallet board is in the way when inserting, remove the board.

6. Position the front support plate in the installation area of the unit.
↳ Observe the wall clearance to the support plate.
7. Move the support plate 10 to 15 cm in the direction of the control arm, since the unit's centre of gravity does not lie in the middle of the pan (does not apply to FlexiChef Team).
8. Place the lifting device on the support plate.
9. Put the pan carrier together according to the pan size and then secure it.
10. Place the pan carrier on the lifting device.
11. Repeat the procedure for the second pan of a FlexiChef Team.

Positioning the lifting device

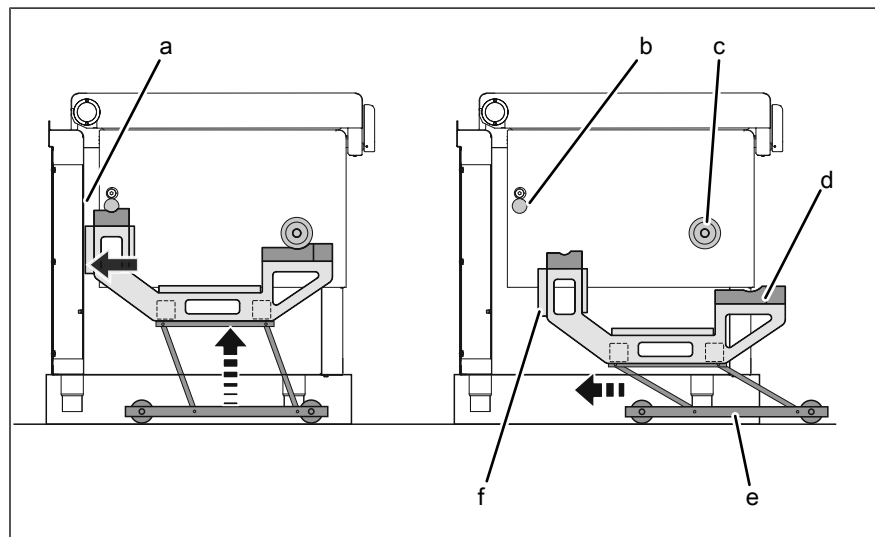


Image: Positioning the pan carrier

- | | | | |
|---|-----------------------|---|----------------------|
| a | Inside of rear panel | d | Pan carrier |
| b | Pan stop | e | Lifting device |
| c | Pivot bearing for pan | f | Stop for pan carrier |

Requirement Lifting device ready for use Lifting device dropped down

1. Push the lifting device under the pan, until the stop for the pan carrier is in contact on both sides with the inside of the rear panel.
2. Move the lifting device carefully upwards, until the pan carrier is in positive contact with the pivot bearing and the pan stop.
3. Repeat the procedure for the second pan of a FlexiChef Team.

Setting up or suspending the unit with a lifting device



CAUTION

Danger from uneven raising of the unit

Moving or slipping of the unit is possible, if it is at an angle when raised

- Raise the unit carefully to check its stability.
 - Raise a FlexiChef Team evenly on both sides with at least two persons.
-



CAUTION

Risk of property damage and personnel injury from tipping equipment

- Do not linger next to or behind raised equipment.
 - Move raised equipment carefully.
-

Requirement

Preparing the lifting device is completed

The chapters on set-up variants must be observed

1. Raise the unit with the lifting device, until the load on the props is relieved.
 - ↳ Correct the position of the lifting device, if it is at an angle.
2. Remove the props from the unit.
3. Attach the equipment legs that are still missing (see chapter "Attaching the equipment legs")
4. Raise the unit further, until all the equipment legs are free.
5. Push the unit carefully off the pallet to the installation position.
6. It is possible to correct the position of the unit by pushing it forwards and backwards.
7. Follow the instructions for the set-up variants in the relevant chapters.
8. After the unit has been set down or suspended, drop the lifting device down.
 - ↳ The lifting device can be helpful in relieving the load on the unit when it is being aligned.
9. Align the unit (see chapter "Aligning the unit").

Removing the lifting device

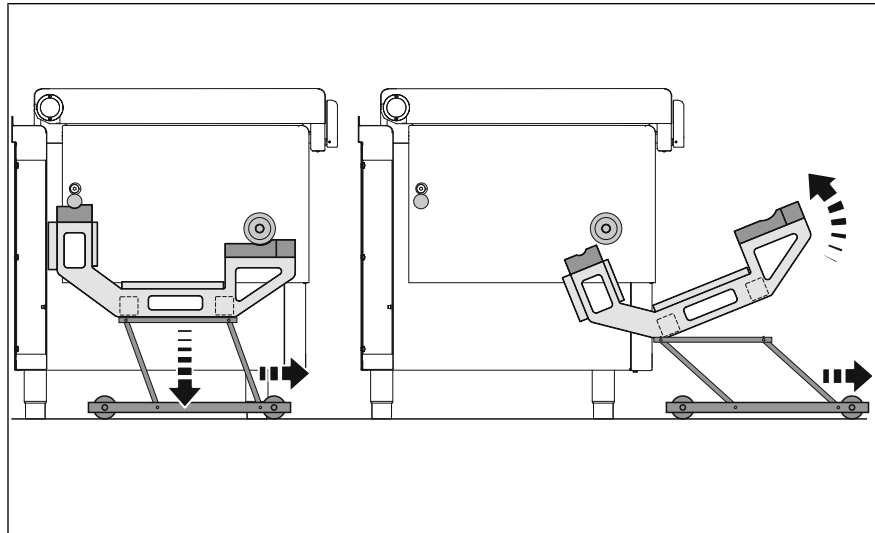


Image: Removing the lifting device

Requirement Unit is set up and aligned

1. Drop the lifting unit down completely.
2. Carefully pull back the lifting unit, while tilting the pan carrier upwards, so that it fits under the pivot bearing of the pan.
3. Remove the support plates.

5.3 Placing the unit on the equipment legs



WARNING

Risk of injury from falling unit

- Secure the unit adequately when lifting and lowering.
- Do not linger under the unit when lifted.

ATTENTION

Physical damage from equipment legs shearing off

Equipment legs can shear off, if the unit is pushed.

- Do not push the unit.
- Raise the unit before moving it.

Requirement The floor must support the weight of the unit
Equipment legs attached

1. Use appropriate lifting gear to raise the unit.
2. Set up the unit in accordance with the planning drawing.
3. Remove the transport securing device (see "Removing transport securing device").

5.4 Setting up the unit on the base



WARNING

Risk of injury from falling unit

- Secure the unit adequately when lifting and lowering.
- Do not linger under the unit when lifted.



CAUTION

Risk of crushing from improper setup

- Protect the unit and work area during setup and alignment.



If the connection cables are fed through the housing, first knock out the pre-stamped cut-outs.

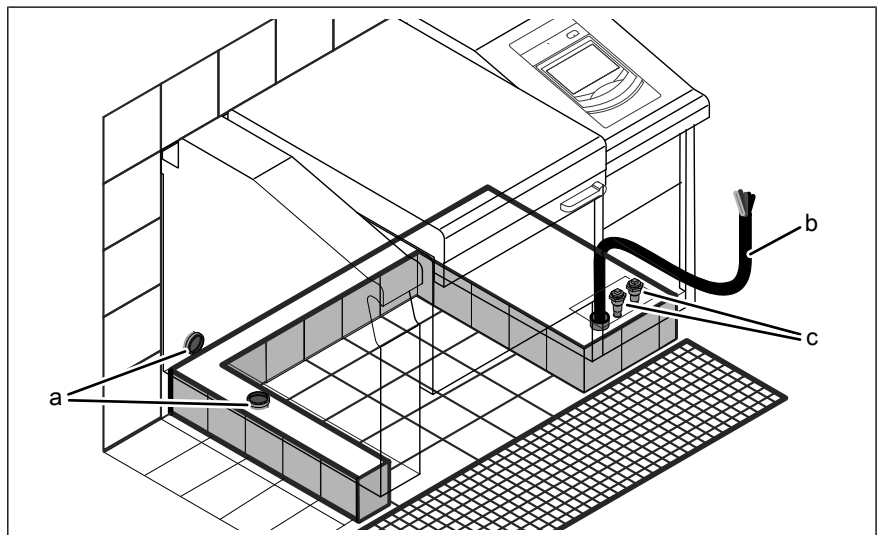


Image: Setting up the unit on the base

a Wastewater connection

b Power connection cable

c Water connection

Requirement The floor must support the weight of the unit

Front panel of the control arm removed

Required cut-outs taken out

1. Use appropriate lifting gear to raise the unit.
2. If the base is not level, identify the highest area of the base and start the setting-up there.
3. Lift the unit over the connection cables and set it up in accordance with the planning drawing.
4. Remove the transport securing device (see "Removing transport securing device").

5.5 Attaching the cover plate

A cover plate is available for easy cleaning under the unit.

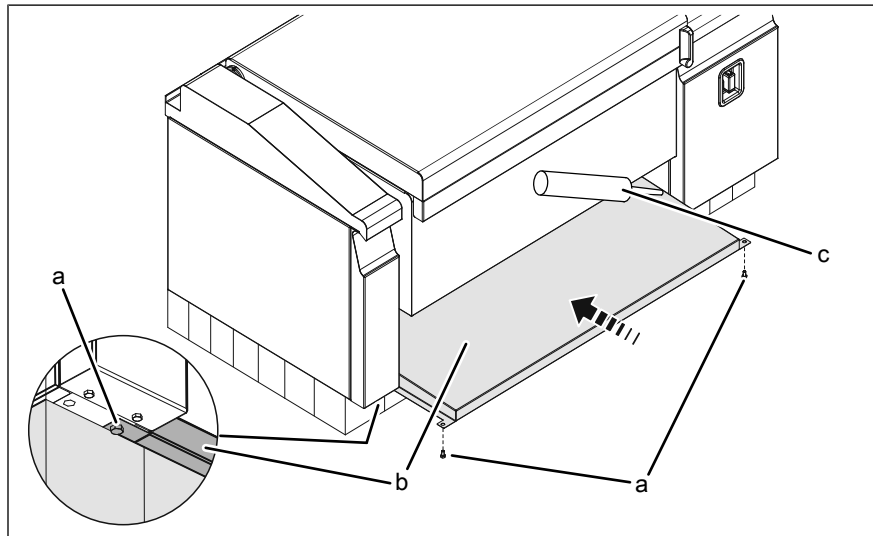


Image: Cover plate for placement of pad and legs

- a Screw
b Cover plate
c Sealant

1. As can be seen in the figure, push the cover plate in as far as the stop.
2. If the cover plate can not be pushed in, unscrew the equipment legs slightly (see "Aligning the unit").
3. Insert the screws and tighten them firmly.
↳ If the nuts are covered by the base, do not use the screws, since the cover plate is resting on the base.
4. Check the alignment of the unit (see "Aligning the unit").
5. Seal the joint gap to the unit with sealant.
6. Before operating the unit, observe the drying time of the sealant.

5.6 Suspending the unit



CAUTION

Risk of crushing from improper suspension

- Protect the unit and work area when suspending and aligning the unit.

5.6.1 Suspending the unit from an installation bridge

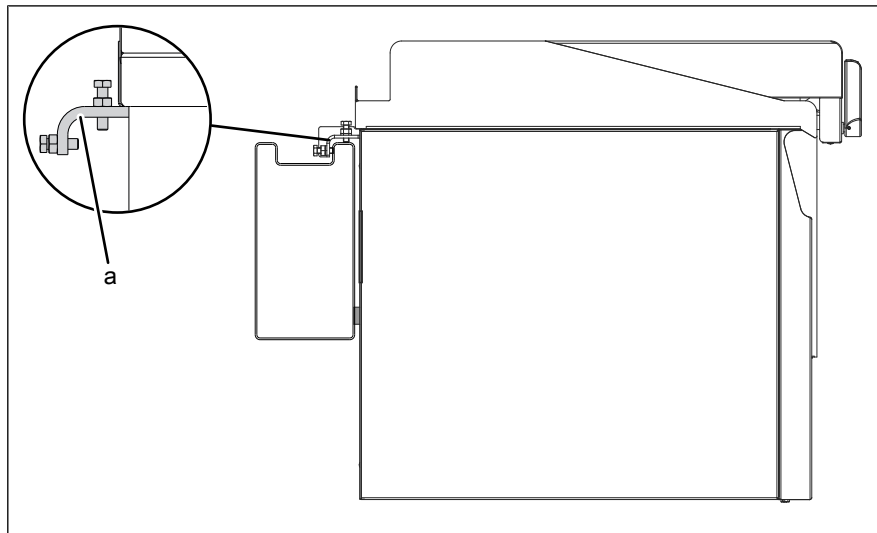


Image: Suspending the unit

a Suspension hooks

Requirement The wall must support the weight of the unit
Installation bridge installed
Cover plates of the installation bridge removed

1. Feed the power connection cables into the unit before suspending it.
2. Raise the unit on the pallet and move it in front of the installation bridge.
3. Pull the power connection cables into the housing.
4. Using the suspension hooks, suspend the unit on the installation bridge.
5. Suspend the unit in accordance with the planning drawing.
6. Remove the transport securing device (see "Removing transport securing device").
7. Align the unit in lengthwise and cross direction (see "Aligning the unit").
8. Attach the cover plates to the installation bridge.

5.7 Removing the transport securing device

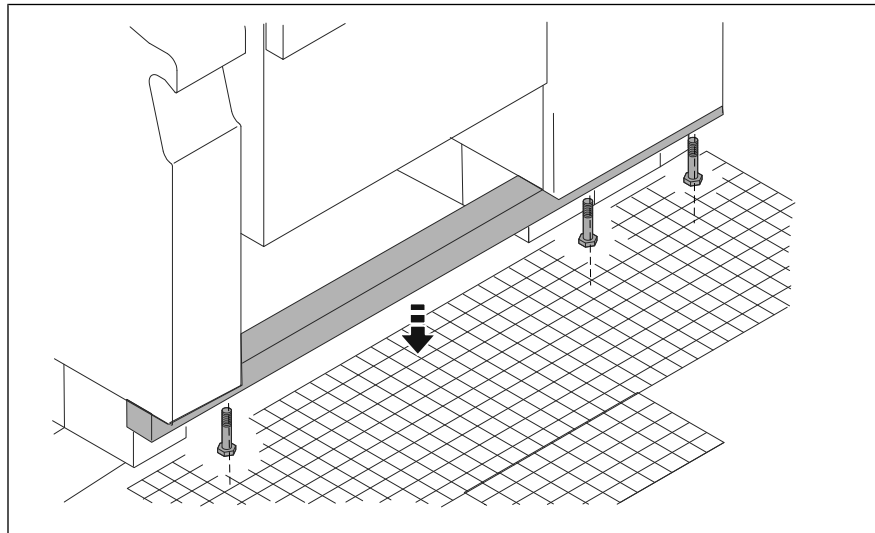


Image: Removing the transport securing device

Requirement Unit in the installation position

1. Pull out the forklift truck.
2. Remove the rear support.
3. Release the screws on the transport securing device and remove them.
4. Remove the transport securing device.
5. Align the unit in lengthwise and cross direction (see "Aligning the unit").

5.8 Aligning the unit

5.8.1 Aligning the unit with equipment legs

ATTENTION

Physical damage from equipment legs shearing off

Equipment legs can shear off, if the unit is pushed.

- Do not push the unit.
 - Raise the unit before moving it.
-

ATTENTION

Instability if the equipment legs are screwed out too far

Stability no longer assured

The unit may tip over

- Only set the equipment legs in the adjustment range of 150 - 200 mm.
-

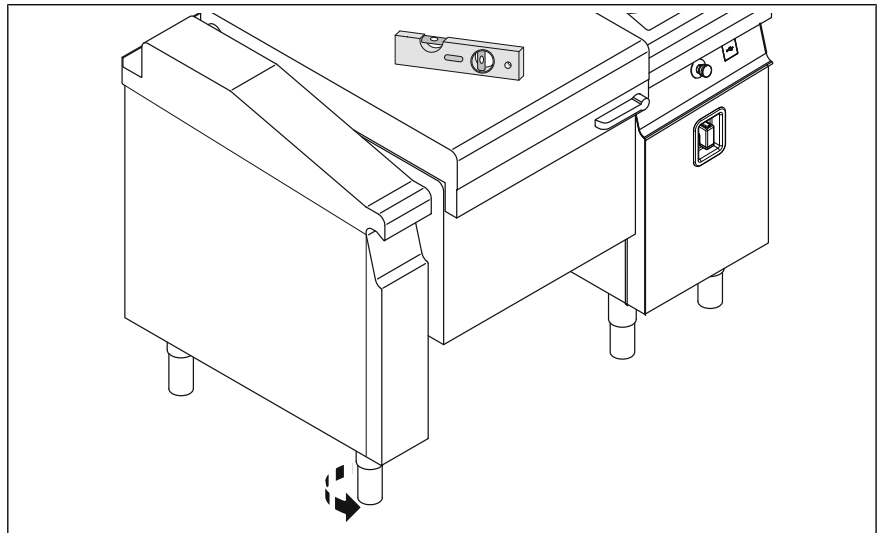


Image: Aligning the unit with legs

Requirements Floor is level

1. Place a spirit level on the unit.
2. Relieve the load on the equipment legs with appropriate lifting gear.
3. Align the unit horizontally by screwing the equipment legs in or out.
4. Fill out the Commissioning report.

5.8.2 Aligning the unit on the base



DANGER

Risk of personal injury and physical damage from electric shock

- Prior to working on the unit, ensure that the unit has been disconnected from the mains.
- Do not operate the unit with the housing open.

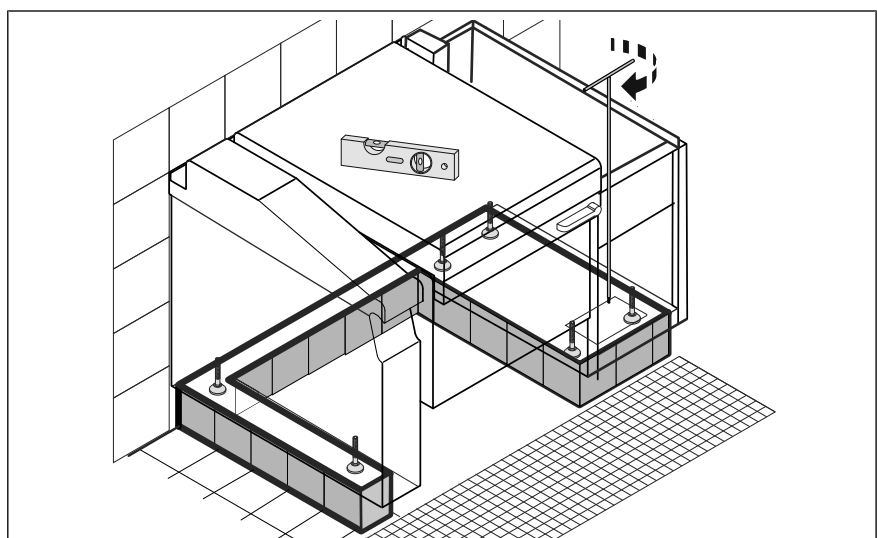


Image: Aligning the unit on the base

- Requirement** Floor is level
Unit not live
Control arm cover removed
Side arm cover removed

1. Place a spirit level on the unit.
2. Relieve the load on the equipment legs with appropriate lifting gear.
3. Using the special spanner enclosed, align the unit horizontally by screwing the equipment legs in or out.
4. Close the housing.

5.8.3 Aligning the suspended unit

ATTENTION

Risk of damaging the adjusting screws from heavy load

- Relieve load on unit before aligning.
-

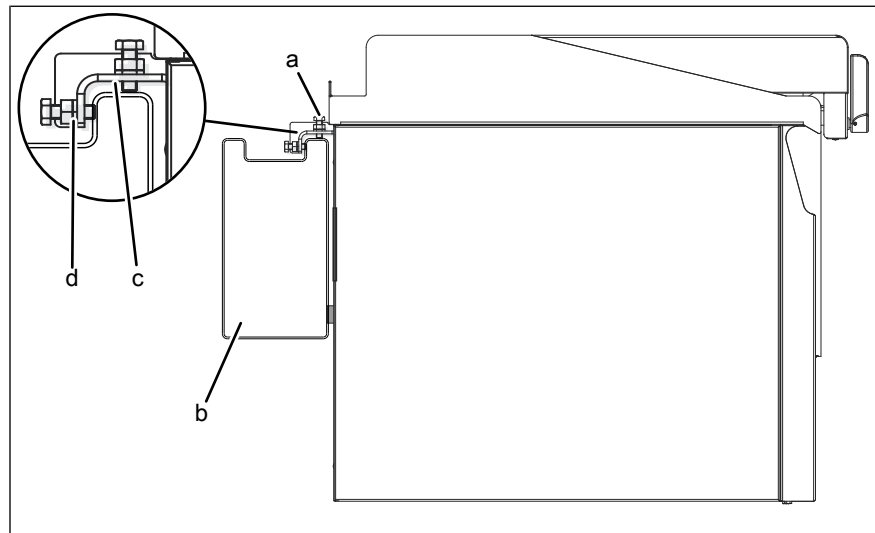


Image: Suspended unit

- | | |
|-----------------------|--------------------|
| a Adjusting screw | c Suspension hooks |
| b Installation bridge | d Nut |

- Requirement** Cover plates of the installation bridge removed

1. Place a spirit level in the lengthwise direction on the cover of the unit.
2. Align the unit horizontally in the lengthwise direction with the adjusting screws.
3. Place a spirit level in the cross direction on the cover of the unit.
4. Align the unit horizontally in the cross direction with the adjusting screws.
5. Screw in the adjusting screws to the point, where all the screws are evenly loaded.
6. Fix the adjusting screws with a nut.

7. Attach the cover plates to the installation bridge.

5.8.4 Checking alignment

ATTENTION**Risk of physical damage from incorrect alignment of the unit**

The faultless function of the unit is not assured, if it is aligned incorrectly

- Align the unit carefully.
-

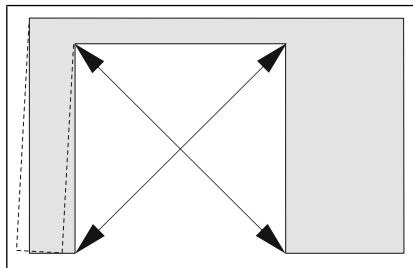


Image: Checking alignment

Requirement Unit is aligned

1. Measure the diagonals between the arms under the pan and compare them.
2. If there is a difference of more than 5 mm, correct the alignment.

5.9 Connecting the unit

→ When setting up with other equipment from the same manufacturer, use end and connecting profiles.

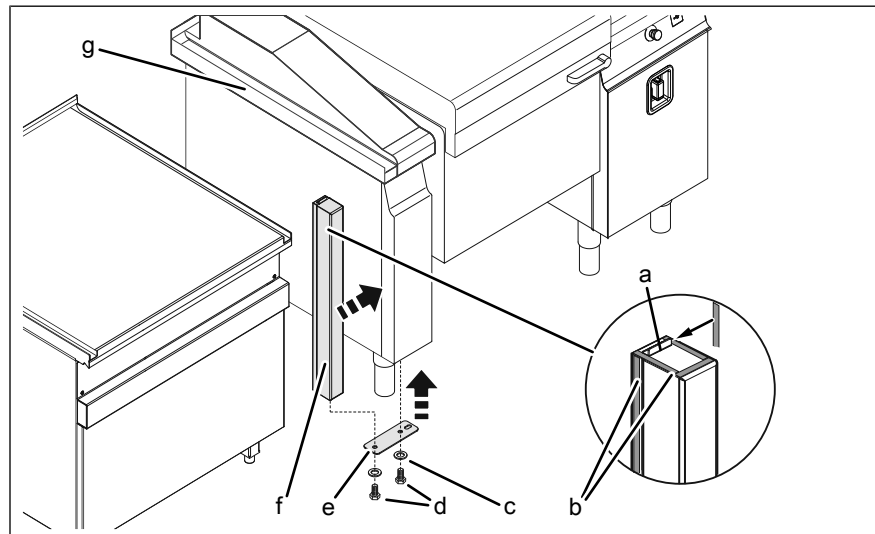


Image: Connecting the unit

- | | |
|----------|--------------------------------|
| a Lug | e Holding plate |
| b Seal | f Connecting profile |
| c Washer | g Cover with discharge channel |
| d Screw | |

Requirement Cover with discharge channel available

1. Cut the seal to size and stick it to the connecting profile as shown.
2. Unscrew the screw on the bottom of the front panel.
3. Attach the holding plate hand-tight to the connecting profile with the screw and washer.
4. Insert the connecting profile with the lug into the discharge channel of the cover.
5. Attach the connecting profile and holding plate hand-tight to the bottom of the front panel with the screw and washer.
6. Align the connecting profile and holding plate and then tighten the screws firmly.

5.10 Fastening the unit to the floor

5.10.1 Securing the unit against sliding

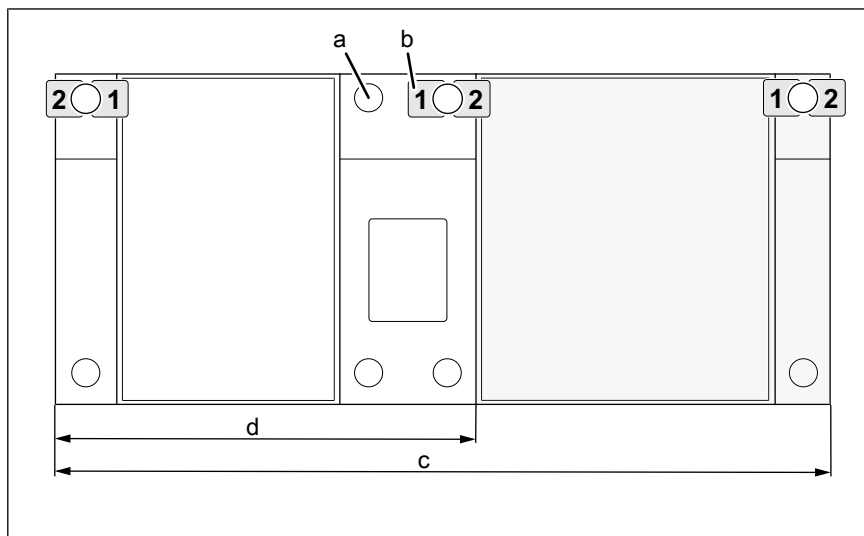


Image: Arrangement of the floor plates (view from above)

- | | | | |
|---|---------------|---|----------------|
| a | Equipment leg | c | FlexiChef Team |
| b | Floor plate | d | FlexiChef |

A special fastening set with locking plates for securing the unit against sliding is available from the manufacturer as an accessory.

The fastening set includes two locking plates and all the components required to screw or glue them to the floor.

The unit is fastened by means of two locking plates as shown in the drawing.

It suffices to secure the two outer equipment legs.

Floor without steam barrier

In the case of floors without a steam barrier, the floor plates are screwed to the floor with the enclosed screws.

Requirements The floor must support the weight of the unit
 The floor must be clean and suitable for the type of fastening
 Unit set up and aligned in accordance with the planning drawing

1. Align the locking plates in position 1-1 or 2-2 on the equipment leg as shown in the drawing, and then mark the fastening holes on the floor.
2. Mark the position of all equipment legs on the floor.
3. Using suitable lifting gear, move the unit to a position, where the drill holes in the floor can be made.
4. Drill holes to the diameter of the dowel sufficiently deep in the floor.
5. Carefully move the unit to the installation position.

6. Using the enclosed dowels and fastening screws, screw the locking plates to the floor.
7. Ensure that, after the fastening screws have been inserted, the floor seal is restored.
8. Fill out the Commissioning report.

Floor with steam barrier

In the case of floors with a steam barrier, the floor plates are not screwed to the floor but glued with the enclosed adhesive.

- Requirements**
- The floor must support the weight of the unit
 - The floor must be clean and suitable for the type of fastening
 - Unit set up and aligned in accordance with the planning drawing
1. Align the locking plates in position 1-1 or 2-2 on the equipment leg as shown in the drawing, and then mark them on the floor.
 2. Fasten the locking plates to the floor with the enclosed adhesive.
 - ↳ Observe the instructions from the adhesive manufacturer.
 - ↳ Apply the adhesive in accordance with the manufacturer's instructions.
 - ↳ Observe the drying time as given in the manufacturer's instructions.
 3. Fill out the Commissioning report.

6 Connecting the unit

6.1 Opening and closing the housing



DANGER

Risk of personal injury and physical damage from electric shock

- Prior to working on the unit, ensure that the unit has been disconnected from the mains.
- Do not operate the unit with the housing open.



CAUTION

Risk of injury from sharp edges

- Wear protective gloves.

ATTENTION

Risk of physical damage from damage to the lines

- Remove and attach housing components carefully.

ATTENTION

Risk of physical damage from damage to the seals

- Check seals when attaching the housing parts.
- Change damaged seals.

6.1.1 Removing and attaching the front panel of the control arm

Removing the front panel of the control arm

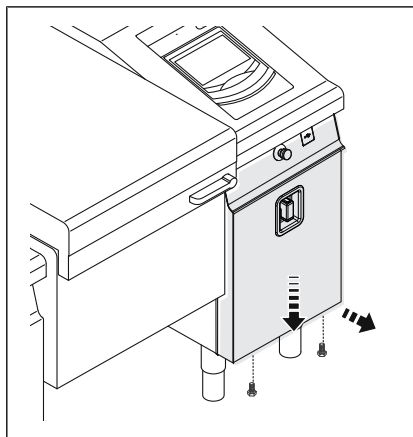


Image: Removing the front panel of the control arm

Requirement Unit not live

1. Unscrew the screws on the bottom of the front panel.
2. First pull the front panel downwards and then forwards.

3. Release the rear connections:
 - ↳ *Emergency stop* switch
 - ↳ USB cable
 - ↳ Reset buttons
 - ↳ Protective conductor
4. Pull out the hand shower and hold the hose tightly.
5. Unscrew the hand shower from the hose.
6. Feed the hose through the opening in the front panel.
7. Remove the front panel.
8. Attach the hand shower to the hose and let the hose roll up as far as the hand shower.

Attaching the front panel of the control arm

Requirement Unit not live

Control arm cover attached

1. Pull out the hand shower and hold the hose tightly.
2. Unscrew the hand shower from the hose.
3. Feed the hose through the opening in the front panel.
4. Attach the hand shower to the hose.
5. Fasten the rear connections.
 - ↳ *Emergency stop* switch
 - ↳ USB cable
 - ↳ Reset buttons
 - ↳ Protective conductor
6. First locate the front panel at the top and then press on the seal at the bottom.
7. Push the front panel upwards.
8. Screw in the screws on the bottom of the front panel.

6.1.2 Removing and attaching the cover of the control arm

Removing the cover of the control arm

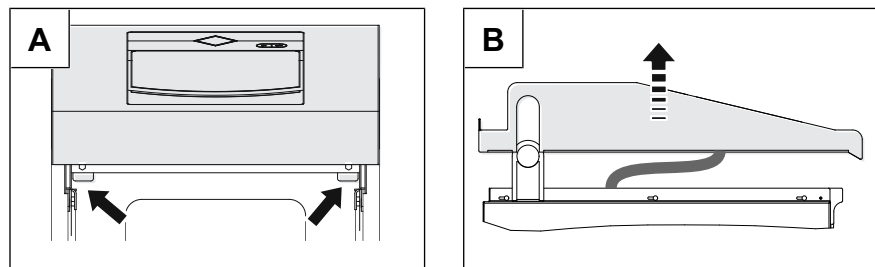


Image: A Locking mechanism B Cover of control arm

Requirement Unit not live

Lid closed

Front panel of the control arm removed

1. Lay the anti-scratch protection on the lid.
2. Unscrew the screws on the locking mechanism.
3. Press the left and right locks backwards as far as the stops.
4. Carefully lift the cover upwards.
 - ↳ Do not apply any force, so that connected lines are not damaged.
5. Lay the cover onto the lid with the sides reversed.

Attaching the cover of the control arm

Requirement Unit not live

Front panel of the control arm removed

Locks of the locking mechanism pressed backwards

- Carefully place the cover on from above.
 - ↳ Do not apply any force, so that connected lines are not damaged.
- Pull the left and right locks forwards as far as the stops.
- Screw in the screws on the locking mechanism.

6.1.3 Removing and attaching the front panel of the side arm

Removing the front panel of the side arm

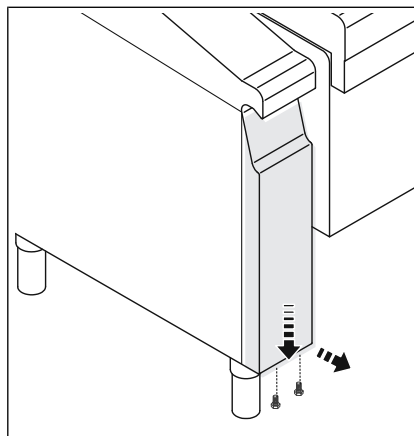


Image: Removing the front panel of the side arm

1. Unscrew the screws on the bottom of the front panel.
2. First pull the front panel downwards and then forwards.
3. Remove the front panel.

Attaching the front panel of the side arm

Requirement Side arm cover attached.

1. First locate the front panel at the top and then press on the seal at the bottom.
2. Push the front panel upwards.
3. Screw in the screws on the bottom of the front panel.

6.1.4 Removing and attaching the side arm cover

Removing the side arm cover

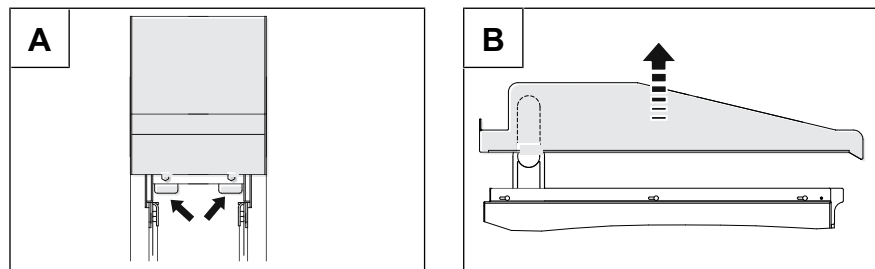


Image: A Locking mechanism B Side arm cover

Requirement Front panel of side arm removed

1. Unscrew the screws on the locking mechanism.
2. Press the left and right locks backwards as far as the stops.
3. Carefully lift the cover upwards.

Attaching the side arm cover

Requirement Front panel of side arm removed

Locks of the locking mechanism pressed backwards

1. Carefully place the cover on from above.
2. Pull the left and right locks forwards as far as the stops.
3. Screw in the screws on the locking mechanism.

6.1.5 Opening and closing the lid

Opening the lid

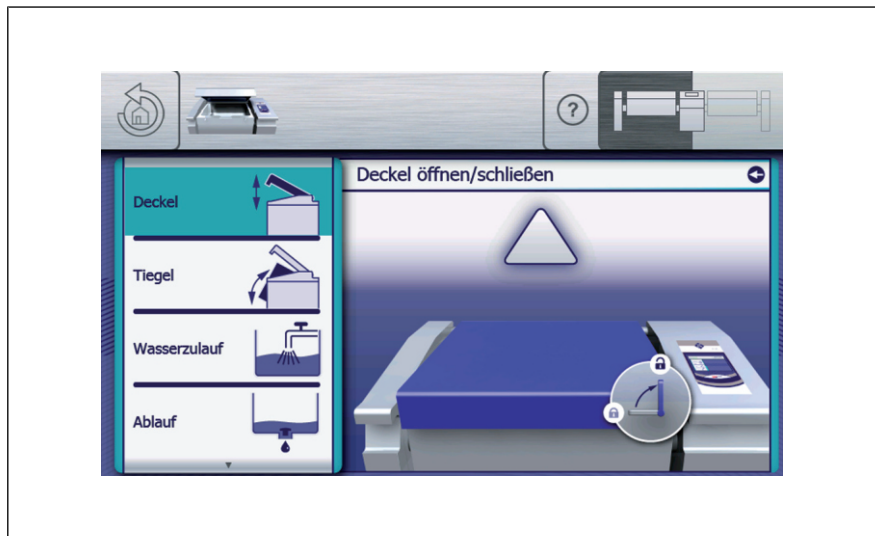


Image: Opening the lid

Requirement Power connection established
Housing closed

1. Press the "ON OFF" button.
 - ↳ The Main menu is displayed.
2. Tap the "Equipment functions" field.
3. Tap the "Lid" field.
4. Unlock the lid with the lid handle.
 - ↳ The "Lid unlocked" symbol is displayed.
5. Tap the Triangle symbol.
 - ↳ A signal sounds.
 - ↳ The lid is opened and moves to the end position.

Closing the lid

Requirement Power connection established
Housing closed
Lid opened

1. Press the "ON OFF" button.
 - ↳ The Main menu is displayed.
2. Tap the "Equipment functions" field.
3. Tap the "Lid" field.
4. Tap the Triangle symbol.
 - ↳ A signal sounds.
 - ↳ The lid is closed and moves to the end position.

6.2 Making the electrical connection

Electrical installation work

Electrical installation work on the electric system and the unit may only be performed by a specialist company, which is approved by the electric utility company in the particular region. The applicable regional regulations, standards and guidelines must be observed, as well as the connection conditions imposed by the electric utility company responsible.

Professional qualification for electrical installation work

Electrical installation work on the electrical system and the unit may only be carried out by an electrician from the specialist company assigned to the work.

The unit must be connected on the basis of the information on the nameplate and this manual.

Wiring diagram

The wiring diagram is included with the unit.

The wiring diagram and additional documents are available on the manufacturer's Internet page by entering the serial number of the unit (see Impressum).

Power connection cable

Minimum requirements for the unit's power connection cable to the electric mains:

Connection	Power connection cable
Permanent connection for fixed installation with a cable from the unit to a separate connection box.	Rubber sheath cable, oil-resistant, shrouded and flexible in accordance with IEC 60245-57 (for example: H05RN-F).
Permanent connection for fixed installation with a permanently laid cable and direct connection to the unit.	PVC sheathed cable for permanent ducting in buildings or damp and wet rooms.

Insulation monitoring

If there is an unearthed network (IT network), the unit can be incorporated into the insulation monitoring.

Fault current device

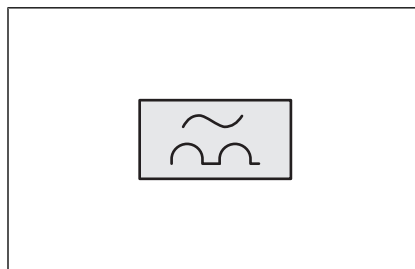


Image: RCD switch type A, circuit symbol

The unit can be connected to a fault current device.

If a fault current device is used, a fault current device type A (RCD type A) must be installed, to ensure that AC fault currents and pulsating DC currents are detected.

A fault current protective device of 300 mA is to be provided for this unit.

Potential equalisation

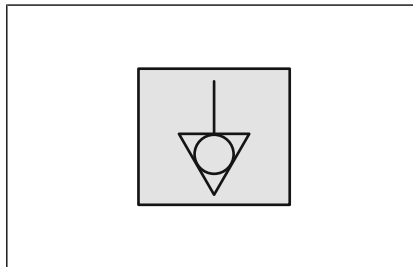


Image: Symbol for potential equalisation

The unit can be included in a potential equalisation system by means of appropriately sized wiring.

Permanent connection



CAUTION

Risk of property damage and personal injury from improper installation

- In the case of a permanent electrical connection, install an all-phase disconnect switch before the unit.
-

Install an all-phase disconnect switch if the unit will be connected permanently to the electric mains.

6.2.1 Description of the power connection

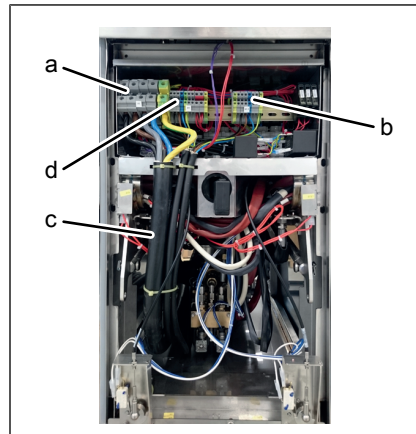


Image: Power connection in the unit

- | | | | |
|---|---|---|---|
| a | Power connection | c | Power connection cable |
| b | -X 1.1 Power optimisation system for Team, right unit | d | -X 1 Power optimisation system for FlexiChef or left unit |

6.2.2 Connecting the power connection cable



DANGER

Risk of personal injury and physical damage from electric shock

- Before working on the unit, ensure that the unit has been disconnected from the power supply.
-



DANGER

Risk of personal injury and physical damage from electric shock

- Before connecting, ensure that the power connection cable has been disconnected from the power supply.
 - Ensure that the power connection cable is undamaged.
-

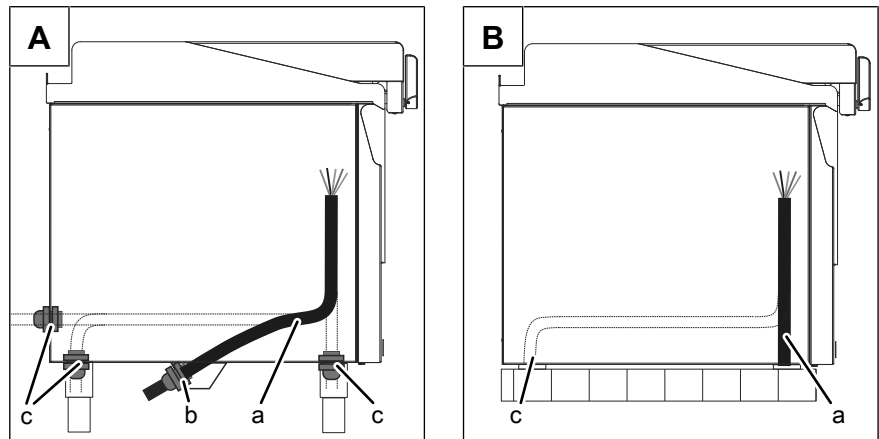


Image: Cable ducting: A Setting up on legs, B Setting up on a base

a Power connection cable

c Other possibilities for the cable passage

b Cable gland

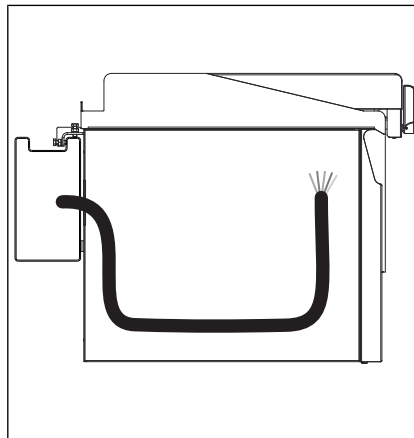


Image: Cable ducting for suspended unit

Requirement Unit not live
Power connection cable not live
Housing opened

1. Feed the power connection cable into the unit.
2. Connect the power connection cable in accordance with the wiring diagram.
3. Secure the power connection cable with cable ties.
4. Close the housing (see "Opening and closing the housing").
5. Fill out the Commissioning report.

6.2.3 Connecting the power optimizing system

**DANGER**

Risk of personal injury and physical damage from electric shock

- Before working on the unit, ensure that the unit has been disconnected from the power supply.
-

**DANGER**

Risk of personal injury and physical damage from electric shock

- Before connecting, ensure that the power connection cable has been disconnected from the power supply.
 - Ensure that the power connection cable is undamaged.
-

The unit can be connected to a power optimisation system with a dry contact, which is designed in accordance with DIN 18875. The dry contact is used for logging the unit onto the control system.

Requirement Unit not live

Power connection cable not live

Front panel of the control arm removed

1. Pull the power connection cable into the unit through the cable passage.
2. Bring the power connection cable to the connection terminals.
3. Connect the power connection cable in accordance with the wiring diagram.
4. Secure the power connection cable with cable ties.
5. Fill out the Commissioning report.

6.2.4 Connecting to the potential equalisation circuit



DANGER

Risk of personal injury and physical damage from electric shock

- Before working on the unit, ensure that the unit has been disconnected from the power supply.

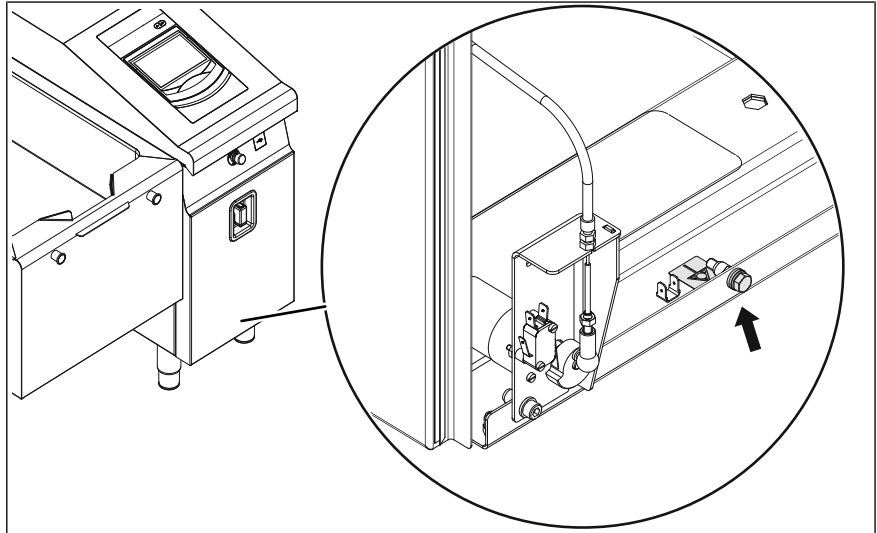


Image: Connecting the potential equalisation

Requirement Unit not live
Front panel of the control arm removed

1. Run and attach the potential equalisation line to the marked connection.
2. Close the housing (see "Opening and closing the housing").
3. Fill out the Commissioning report.

6.3 Performing basic control setting

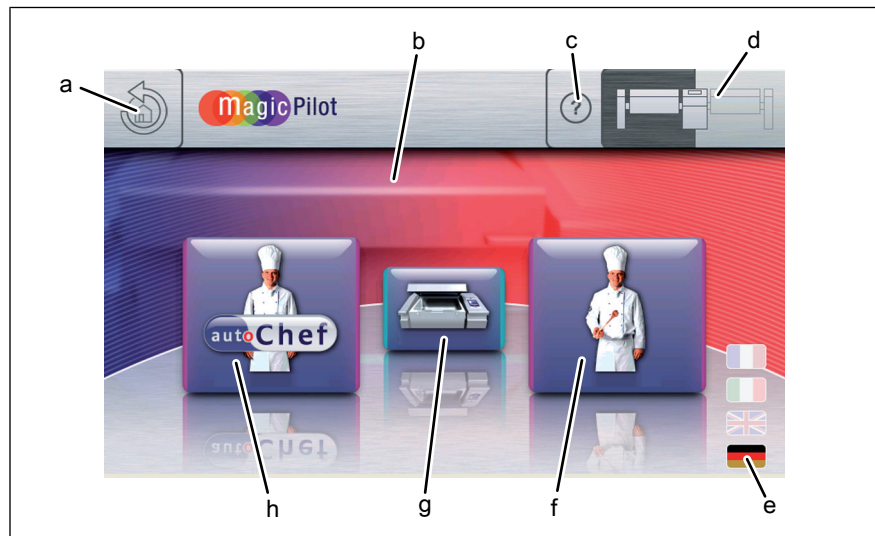


Image: Main menu

- a Back button
- b Main menu
- c FlexiHelp button
- d Switch the side of the unit
- e Language selection
- f "Manual cooking" button
- g "Equipment functions" button
- h "Automatic cooking" button

6.3.1 Changing the basic control setting

The basic settings for operation can be displayed and changed by entering the password "111".



The basic settings are made in the dialogue.
Advanced settings are made via the parameters for the settings.

Requirement The unit is switched on
The Main menu is displayed

1. Tap the "Equipment functions" button.
↳ The *Equipment functions* menu is displayed.
2. Tap the "Equipment settings" field.
↳ The *PIN* window opens.
3. Enter the password.
4. Tap the *Confirm* button.
↳ The *Equipment settings* menu is displayed.
↳ The basic settings can be changed (see "Equipment and connection data").
5. Fill out the Commissioning report.

6.4 Making the water connection

Installation work with tap water

Installation work on tap water lines and the unit may only be performed by a specialist company, which is approved by the water utility company in the particular region. The applicable regional regulations, standards and guidelines must be observed, as well as the connection conditions imposed by the water utility company responsible.

Professional qualification for tap water installation work

Installation work on the tap water lines and the unit may only be carried out by a plumber from the specialist company assigned to the work.

The hoses supplied must be used for the connection of the tap water lines.

The unit has a connection for permanent installation to the mains tap water.

The unit is equipped with a permanent connection for:

- Warm tap water
- Cold tap water



Always connect both water connections to the unit.

If only cold tap water is available at the installation site, connect both water connections on the unit to the cold tap water.



DANGER

Risk of personal injury and physical damage from electric shock

- Before working on the unit, ensure that the unit has been disconnected from the power supply.



CAUTION

Hygiene risk from contaminated drinking water

- The connection to the drinking water supply must be equipped with a backflow preventer.

ATTENTION

Risk of physical damage from the wrong water quality

- Ensure that the water quality complies with the equipment and connection data.

ATTENTION

Risk of physical damage from dirt particles in the tap water

- Ensure that a fine filter with a mesh size $< 80 \mu\text{m}$ is installed in the warm and cold water lines.

6.4.1 Connecting the tap water connection line when setting up the unit on legs

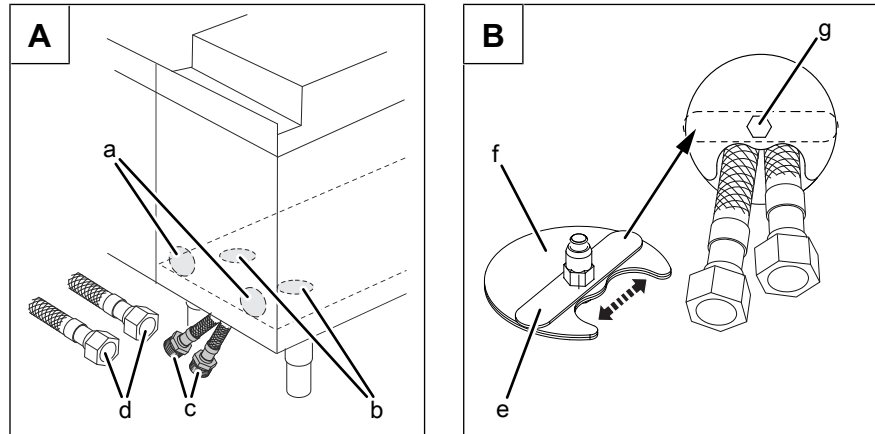


Image: A Water connection when installing on legs, B Closing the housing gland

- | | |
|------------------------------------|----------------------------|
| a Gland at rear of housing | e Lug |
| b Gland in floor of housing | f Cover plate (adjustable) |
| c Tap water connection lines | g Screw |
| d Connection lines in the building | |

Requirements Unit not live

Rear panel of control arm removed

The tap water complies with the specifications (see "Equipment and connection data")

Backflow preventer installed

The connection lines are pressure-tight and suitable for tap water

1. Flush the connection lines thoroughly.
2. Press out a suitable opening in the floor or rear panel and attach edge protector.
3. Feed the tap water connection lines outwards through the opening.
4. Feed the cover plate with the lug through the opening.
5. Set the cover plate to the required cross-section and clamp it tightly with the screw.
6. Close other openings in the same way.
7. Insert dirt filters in the water connections.
8. Connect the connection lines in the building to tap water valves using seals.
9. Connect the connection lines (cold and warm) to the unit.
10. Open the tap water valves and check the threaded connectors for leaks.
11. Close the housing (see "Opening and closing the housing").

12. Fill out the Commissioning report.

6.4.2 Connecting the tap water connection line when setting up the unit on a base

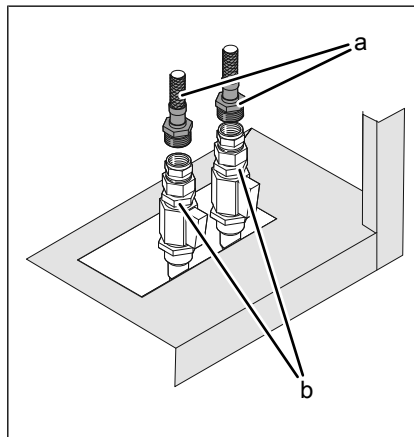


Image: Water connection when setting up the unit on a base

a Tap water connection line

b Water connection in the building

Requirement Unit not live

Front panel of the control arm removed

The tap water complies with the specifications (see "Equipment and connection data")

Backflow preventers installed

1. Flush the connection lines thoroughly.
2. Insert dirt filters in the water connections.
3. Connect the tap water connection lines (cold and warm) to tap water valves using seals.
4. Open the tap water valves and check the threaded connectors for leaks.
5. Fill out the Commissioning report.

6.4.3 Connecting the tap water connection line for a suspended unit

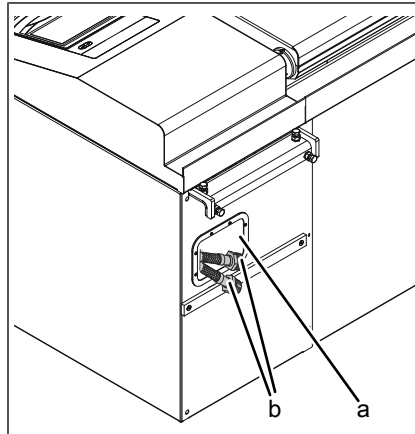


Image: Suspended unit

a Passage for installation bridge

b Tap water connection line

Requirement Unit not live

Front panel of the control arm removed

The tap water complies with the specifications (see "Equipment and connection data")

Backflow preventers installed

1. Flush the connection lines thoroughly.
2. Insert dirt filters in the water connections.
3. Pull the tap water connection lines (cold and warm) into the installation bridge and connect them to tap water valves using seals.
4. Open the tap water valves and check the threaded connectors for leaks.
5. Fill out the Commissioning report.

6.5 Making the wastewater connection

Installation work with wastewater

Installation work on wastewater lines and the unit may only be performed by a specialist company, which is responsible for wastewater systems. The applicable regional regulations, standards and guidelines must be observed, as well as the connection conditions imposed by the wastewater system operator responsible.

Professional qualification for wastewater specialist

Installation work on wastewater lines and the unit may only be carried out by a wastewater specialist from the specialist company assigned to the work.

- With FlexiChef the wastewater discharge is in the right or left side arm depending on the construction type.
- With FlexiChef Team one wastewater discharge is in the right side arm and one in the left side arm.

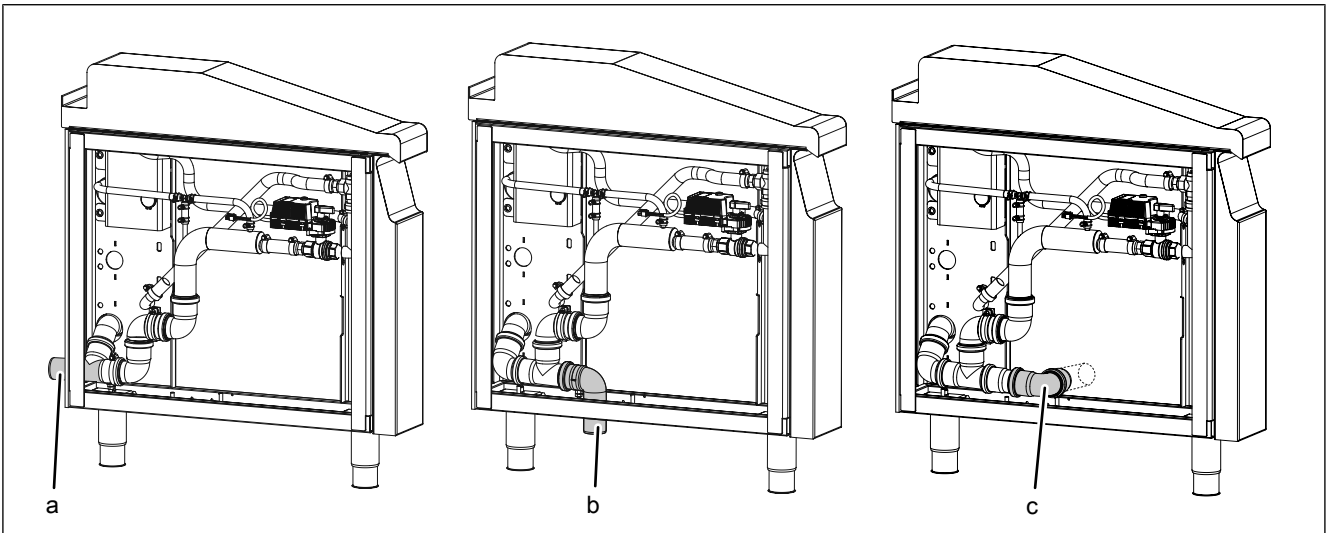


Image: Wastewater connection

- a Back of drain
- c Side of drain

- b Bottom of drain

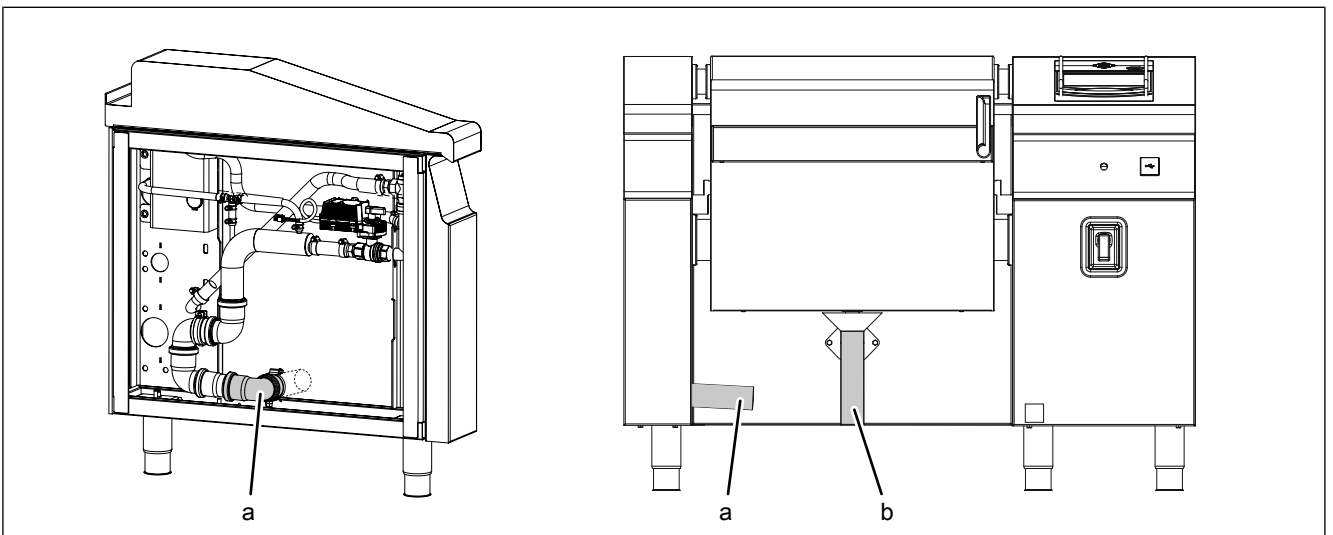


Image: Wastewater connection, marine version

- a Side of drain ("Pressure cooking" version)

- b Pan drain

6.5.1 Connecting the wastewater line to a permanent connection

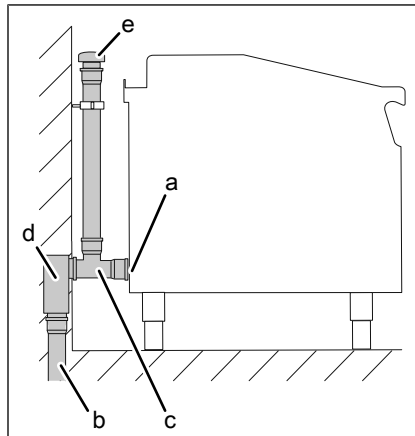


Image: Connection with waste trap in the building

- | | | | |
|---|-----------------------|---|-------------------------|
| a | Wastewater connection | d | Sewer system waste trap |
| b | Sewer system | e | Ventilator |
| c | Wastewater line | | |



CAUTION

Hygiene risk from using without waste trap

Ensure that a waste trap is installed in the wastewater line in the building.

ATTENTION

Risk of water escape if there is backing up in the wastewater pipe

The water height within the waste trap must not be more than 50 mm.

The waste trap must lie below the wastewater connection of the unit.

Requirement Pipe lines comply with specifications (see "Equipment and connection data")

1. Install wastewater line with a drop up to the connection to the sewer system.
2. Secure wastewater line with pipe clamps.
3. Fill out the Commissioning report.

6.5.2 Connecting a wastewater line with an unobstructed discharge

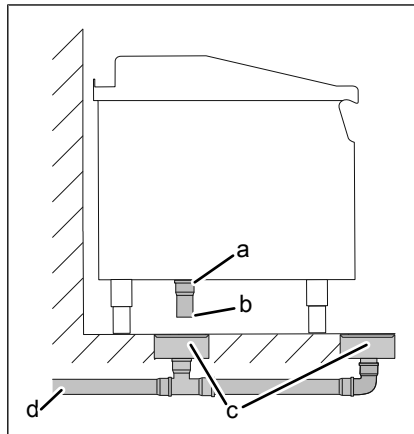


Image: Connection with unobstructed discharge

- | | |
|-------------------------|----------------|
| a Wastewater connection | c Floor gutter |
| b Wastewater line | d Sewer system |



The wastewater line must end at least 20 mm above the floor gutter.

In the case of the marine version, it must end at least 100 mm above the floor gutter.

Requirement Pipe lines comply with specifications (see "Equipment and connection data")

1. Install wastewater line with a drop to the floor gutter.
2. Secure wastewater line with pipe clamps.
3. Fill out the Commissioning report.

7 Checking operation



DANGER

Risk of personal injury and physical damage from unsuccessful operational check

- Do not put the unit into service.
 - Contact customer service.
-



DANGER

Risk of personal injury and physical damage from electric shock

- Inspection and adjustment work that can be carried out only with the housing open and the unit under power must be performed only by electrically trained technical personnel.
-

- Requirement** Power connection made
Water connection made
Wastewater connection made
Unit cleaned

7.1 Checking the pan position



After setting up the unit, it is possible that the lid and pan can no longer be moved, since the pre-programmed positions can no longer be reached.

- Recalibrate the lid and pan in the Service menu.
-



If the unit is not correctly aligned, the lid collides with the locking bolts on the pan when it is closed. In this case the lid opens again and an error message is displayed.

- Align the unit once again.
-

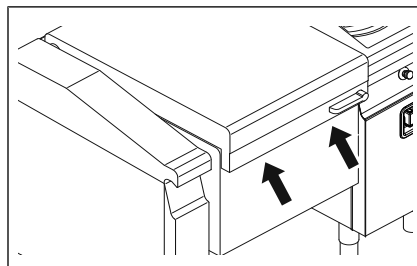


Image: Checking the pan position

- Requirement** Diagonals checked

1. Open and close the lid (see "Opening and closing the lid")
2. Check whether the locking bolt on the pan is flush with the lid lock.
↳ If the lid jams, the alignment must be repeated.

3. Fill the pan with water up to the top water fill level mark.
4. Close the lid.
5. Align the unit horizontally (see "Aligning the unit").
6. Repeat the procedure for the second pan of a FlexiChef Team.
7. Fill out the Commissioning report.

7.2 Checking the tap water connection

7.2.1 Checking the flow rate of the water inlet

ATTENTION

Risk of physical damage from not observing the filling time

A defect in the water-carrying components may arise.

- Do not exceed or go below the stated filling time.
-

1. Press the "ON OFF" button.
 - ↳ The Main menu is displayed.
2. Tap the "Equipment functions" button.
3. Tap the "Water supply" field.
4. Set the water inlet to "Warm water".
5. Set the water quantity to 14 l using the rollers.
6. Tap the "Start" field.
7. Measure the time for the filling procedure with a stopwatch.
 - ↳ The filling procedure must be completed within 50 s — 65 s.
8. If the filling time is exceeded or not met, determine the cause at the tap water connection and eliminate it.
9. Repeat the procedure for the water inlet with **cold water** and **mixed water**.
10. Switch off the unit.
11. Fill out the Commissioning report.

7.3 Checking the controls

Requirement Pan filled with at least 13 litres of water

1. Press the "ON OFF" button.
 - ↳ The Main menu is displayed.
2. Tap the "Manual cooking" button.
 - ↳ The Manual cooking menu is displayed.
3. Tap the "Soft cooking" field.
 - ↳ The "Soft cooking" menu is displayed.
4. Set the cooking temperature to 70 °C and confirm.
5. Set the cooking time to 1 minute and confirm.
6. Set the level to 6 and confirm.
7. Tap the "Start" button in the information bar.
 - ↳ The pan heats up.
 - ↳ The temperature no longer increases.

8. Tap the "Continue" field.
 - ↳ Soft cooking is started.
9. Wait for the cooking time to end.
 - ↳ The heating of the pan is ended.
 - ↳ The "Stop" button is replaced with the "Start" button.
 - ↳ The cooking time is reset.
 - ↳ The controls are functioning.
10. Switch off the unit.
11. Fill out the Commissioning report.

7.4 Checking the wastewater connection

7.4.1 Checking the wastewater line to a permanent connection

1. Fill the pan at least half full with water.
2. In the case of FlexiChef Team, fill the second pan at least half full with water.
3. Open the drain and check that the filling funnel underneath the pan does not overflow.
4. In the case of FlexiChef Team, open the drain of both pans at the same time.

If the wastewater line can not discharge the water at this flow rate, carry out the following measures:

5. Ensure that the water height in the waste trap is not more than 50 mm.
6. Vent the wastewater line.
7. Insert a drain reducer in the pan drain.
8. If the cause lies in the sewer system in the building, contact the water installer.
9. Filling out the Commissioning report

7.4.2 Checking a wastewater line with an unobstructed discharge

1. Fill the pan with water up to the top water fill level mark.
2. Tilt the pan and check that the floor gutter does not overflow.
3. If the floor gutter can not discharge the water at this flow rate, contact the water installer.
4. Fill out the Commissioning report.

8 Putting the unit into service

Requirement Power connection made
 Housing closed
 Operation successfully tested

1. Instruct the operator.
2. Fill out the commissioning report.

8.1 Nameplate

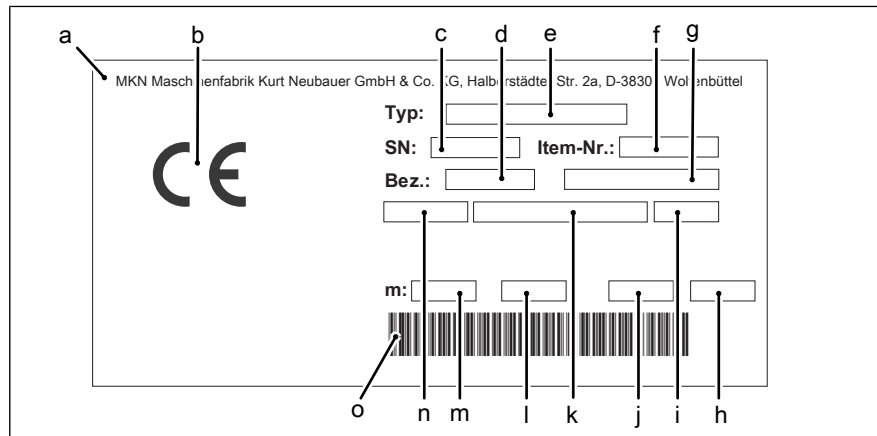


Image: Nameplate information

- | | |
|--------------------------|-----------------------------|
| a Manufacturer | i Frequency |
| b CE mark | j Country of destination |
| c Serial number | k Type of connection |
| d Equipment abbreviation | l Protection class |
| e Type number | m Weight |
| f Item number | n Electrical connected load |
| g Equipment designation | o Barcode |
| h Year of manufacture | |

8.2 Filling out the Commissioning report

General information	Yes	No
Information from the nameplate entered? SN: _____ Type: _____ E: _____ Desig.: _____ Item no.: _____ (if present)	<input type="checkbox"/>	<input type="checkbox"/>
Obvious damage to the unit? What and where?: _____	<input type="checkbox"/>	<input type="checkbox"/>
Unit levelled?	<input type="checkbox"/>	<input type="checkbox"/>
Elements that can tilt have been aligned horizontally? (for example: pans)	<input type="checkbox"/>	<input type="checkbox"/>

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Putting the unit into service

General information		Yes	No
Unit fastened to the floor?		<input type="checkbox"/>	<input type="checkbox"/>
Secured against tilting <input type="checkbox"/> Floor screw fitting <input type="checkbox"/> Floor bonding	Secured against sliding <input type="checkbox"/> Floor screw fitting <input type="checkbox"/> Floor bonding		

Power connection		Yes	No
Power connection made properly?		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Equipotential bonding	<input type="checkbox"/> Power optimizing system		
<input type="checkbox"/> Floating contact	... <input type="checkbox"/>		
Electrical connections made properly?		<input type="checkbox"/>	<input type="checkbox"/>
Residual-current protective device connected immediately before this unit?		<input type="checkbox"/>	<input type="checkbox"/>
Residual-current protective device connected before this and other units?		<input type="checkbox"/>	<input type="checkbox"/>

Basic control setting		Yes	No
Unit of temperature set?		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> °C	<input type="checkbox"/> °F		
Have date and time been set?		<input type="checkbox"/>	<input type="checkbox"/>
Altitude set?		<input type="checkbox"/>	<input type="checkbox"/>
Set to: _____ m			

Water connection		Yes	No
Connection pressure within indicated range?		<input type="checkbox"/>	<input type="checkbox"/>
Connection pressure: _____ (_____) kPa (bar)			
Water connection made properly?		<input type="checkbox"/>	<input type="checkbox"/>
Lines and connections leak-tight?		<input type="checkbox"/>	<input type="checkbox"/>
All housing glands closed with cover plates?		<input type="checkbox"/>	<input type="checkbox"/>
The tap water complies with the specifications of the equipment and connection data?		<input type="checkbox"/>	<input type="checkbox"/>
Fine filter with a mesh size < 80 µm installed or present before every water connection?		<input type="checkbox"/>	<input type="checkbox"/>

Wastewater connection		Yes	No
Wastewater connection made in a technically correct manner?		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> On-site waste trap	<input type="checkbox"/> Vacuum breaker		
<input type="checkbox"/> Funnel drain	<input type="checkbox"/> Floor gutter		
Connection dimension of wastewater line: _____ mm			

Function check		Yes	No
Controls are functioning?		<input type="checkbox"/>	<input type="checkbox"/>
Does tilting function?		<input type="checkbox"/>	<input type="checkbox"/>

Function check	Yes	No
Does lid opening and closing function?	<input type="checkbox"/>	<input type="checkbox"/>
Water inlet checked?	<input type="checkbox"/>	<input type="checkbox"/>
Filling time for warm water measured: _____ s		
Filling time for cold water measured: _____ s		
Filling time for mixed water measured: _____ s		
Wastewater drains away without backing up	<input type="checkbox"/>	<input type="checkbox"/>

Final notes	Yes	No
Was the unit put into service?	<input type="checkbox"/>	<input type="checkbox"/>
Comments:		
Operator trained?		

Electrical installation was provided by:

Company	Installer	City, date	Signature

Water installation was provided by:

Company	Installer	City, date	Signature

Wastewater installation was provided by:

Company	Installer	City, date	Signature

The function check was performed by:

Company	Installer	City, date	Signature

Operator training was provided by:

Company	Installer	City, date	Signature

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