

# SPECTRA X-XL

EN

## Section 1 – Safety



Order Number: 1H328 250

Document Number: TD 103 305



Read the safety information chapter  
before working on the machines.

## Change log

Date	Changes	Author	No.	ID
2011-09-09	preparation	FRD		0

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Issued September 2011. Subject to change without notice.

The present instructions reflect the state of the technology as of the date of issue.

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## I. Explanation of symbols

 **DANGER**

Danger indicates potentially life-threatening danger or grave injury.

 **WARNING**

Warning indicates risk of injury.

 **CAUTION**

Caution indicates risk of minor injury.

*NOTICE*

Notice indicates possibility of damage to the machine.



This symbol indicates tips, shortcuts and additional information.

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## II. Area of application



This safety information applies to the entire service technician documentation.  
Read and understand the present information before performing any work on the machine.

### 1. Service technicians

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This documentation has been created exclusively for FRANKE service technicians and authorized partners. It will enable service technicians to perform their tasks on the coffee machine and its add-on units.

These tasks include start-up, programming, maintenance work, troubleshooting and product quality settings.

### 2. In case of questions or problems

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If you encounter questions or problems when working on the machines, contact our Service Hotline:

Phone hotline     +41 62 787 37 37

E-mail hotline:    [hotline.coffeemachine@franke.com](mailto:hotline.coffeemachine@franke.com)

## III. Safety Information

### 1. Dangers of careless work practices

#### **DANGER**

##### **Risk of death by electrocution!**

Working on an open machine can lead to electrocution.

- ◆ Disconnect the machine from the power supply.
- ◆ Ensure that the machine cannot be accidentally turned on.
- ◆ Do not make any modifications to the machine that are not described in the documentation provided by FRANKE.

A damaged power supply cable may lead to electrocution.

- ◆ Never operate a machine that has been damaged or has a damaged power supply cable.
- ◆ If the power supply cable to this machine is damaged, it must be replaced by a special power cord.
- ◆ Ensure that the machine and power supply cable are not near any hot surfaces such as gas or electric stoves or ovens.
- ◆ Ensure that the power supply cable is not pinched and does not rub against sharp edges. The machine contains electrically conductive parts. Opening the machine can pose risk of death.
- ◆ Repairs should only be made using original replacement and accessory parts.

##### **Risk of death by electrocution and damage to machine from water!**

The machine can regulate excess pressure and may release moisture. Working on an open machine can lead to electrocution.

- ◆ Disconnect the machine from the power supply.
- ◆ Disconnect the water connection to the machine.
- ◆ Empty the machine before working on the boiler system.
- ◆ Check seals before starting the machine back up.

## 2. Warnings - For your health

### **WARNING**

#### **Danger of injury and damage to the machine from improper installation!**

The machines can be damaged. There is a danger of injury.

- ◆ Be clear on structural conditions before each installation.
- ◆ Evaluate structural conditions with respect to installation conditions.
- ◆ Observe local statutory requirements with respect to structural conditions.

#### **If the customer is unable to fulfill the conditions for installation 100%:**

- ◆ Do not install or start up coffee machines or add-on units.
- ◆ The customer is responsible for making improvements.
- ◆ Do not perform improvements at the customer site.

#### **Danger of injury and damage to the machine!**

Improperly making changes in the form of retrofits or repairs can lead to injury or failure of the machine.

- ◆ Exercise care when making repairs or retrofits and follow the instructions.
- ◆ Check modifications and retrofits and rectify if necessary.
- ◆ Do not make any modifications to the machine that are not described in the documentation provided by FRANKE.

#### **Risk of injury, eye injury and damage to the machine!**

Objects in the ground coffee dosing unit may splinter and be ejected, leading to damage to the machine or injury.

- ◆ Do not put any object in the ground coffee dosing unit.
- ◆ Do not poke around in the ground coffee dosing unit with any object.

#### **Risk of burns and scalding!**

During cleaning, hot water and steam are released repeatedly.

- ◆ Keep hands away from the outlets and nozzles during cleaning!

When drinks are dispensed, the products themselves pose a risk of scalding.

- ◆ Always be careful with hot drinks!

During initialization, hot water and steam are released.

- ◆ Pay attention and work carefully.

#### **Risk of acid burns caused by detergent!**

The undiluted detergent has an acidic effect when it comes into contact with skin or clothing.

- ◆ Make sure to wear your personal protective equipment.
- ◆ Wear protective gloves and protective goggles.
- ◆ Pay special attention while working.
- ◆ Make sure the canister cannot tip over.
- ◆ Leave the canister in the transport box.
- ◆ If the detergent gets on your skin or in your eyes, rinse with a lot of water and consult your physician.

### 3. Caution - For your health

#### CAUTION

##### **Health hazard from heavy lifting!**

Lifting heavy objects can cause injury.

- ◆ Do not lift or move machines alone.

##### **Danger from working on an open machine!**

Reaching into the machine may result in abrasions or crushing injuries from interior components.

- ◆ Exercise care when making repairs or retrofits and follow the instructions.
- ◆ Do not reach into the machine while it is operating.
- ◆ Exercise care and caution when working in an open coffee machine.

##### **Risk due to spoiled coffee residue!**

If the machine is not cleaned regularly, coffee residue may accumulate in the machine, clog the outlets or find its way into drinks.

- ◆ Explain the daily cleaning procedure to the customer.

##### **Illness due to bacteria build-up!**

Using a water filter for too long can lead to build-up of algae.

- ◆ Change the water filter in accordance with the maintenance plan.

##### **Risk of contamination!**

When the machine is not in use for extended periods, residue may accumulate.

- ◆ Rinse the machine before its first use, after extended periods of disuse (more than 2 days) and after cleaning.



## 4. Notices of possible damage

### NOTICE

#### **Damage from water jets!**

The machine is not protected from water jets.

- ◆ Do not use water jets or high-pressure cleaners to clean the machines.

#### **Damage from electrostatic charge!**

Static charges can damage the sensitive electronics.

- ◆ Discharge any static electricity from the machine components and yourself before beginning work.

#### **Damage from using inappropriate tools!**

Using inappropriate tools may damage components of the machine and render it unusable.

- ◆ Use the tools recommended by Franke.

#### **Damage from improper transport!**

Improperly transporting the machine can cause faults or damage.

- ◆ Always transport the machine in an upright position.
- ◆ Transport the machine so that it is protected from the elements, such as rain and moisture.

#### **Damage from not maintaining prescribed clearances!**

If the clearances around and above the machine are not maintained, heat may accumulate in the machine and lead to faults.

- ◆ Maintain the installation dimensions prescribed by Franke.