

PLEASE READ CAREFULLY BEFORE OPERATION STRICTLY COMPLY WITH ALL INSTRUCTIONS!

1. INSTALLATION

1.1. *Transportation*

- Do not tilt the device during transportation definitely, carry in upright position.
- Use appropriate transportation vehicles to prevent damage to the device.
- Do not transport the device by pushing or dragging it. Pay attention to prevent damage to the feet of the device during transportation operations performed with pallet jack or forklift.
- The forklift movement position must be so as to handle the machine in balance.
- The length of the forklift feet must be compliant with the machine depth.
- The forklift feet must open so as to balance the machine.
- The crane movement position must be so as to carry the machine in balance.
- A balanced transportation operation must be performed by tying the crane to the rings on the machine using ropes.

1.2 Connections

1.2.1 Electrical Connection

- Before making the electrical connection of the device, check whether the electrical distribution network and the device requirements are compliant and make the connection using appropriate cables.
- Make sure that the electrical connection is made in compliance with the standards
- Feed the device with the network voltage written on the information label.

Make the connection to the electrical installation over an appropriate automatic fuse and fix the fuse at an easily accessible.

- Position in case of danger.
- The electrical installation of the device must include a ground line.
- Do not place any flammable/ explosive material on or in the device.
- Make sure that the electrical supply is in turned off position while checking the device.
- If you are suspicious of an electrical leakage in the device, immediately call the authorized service or call a competent electrician to check the device. While checking the electrical leakage, do not directly touch the device with any of your organs.
- The producer firm is not responsible for damages that may arise out of wrong electrical connection of the device.
- Before operating the device, check for appropriate grounding.

- Make the device connection in accordance with the numbers on the supply cable. Otherwise, your device will be out of the warranty scope.

1.2.2 Water Connection

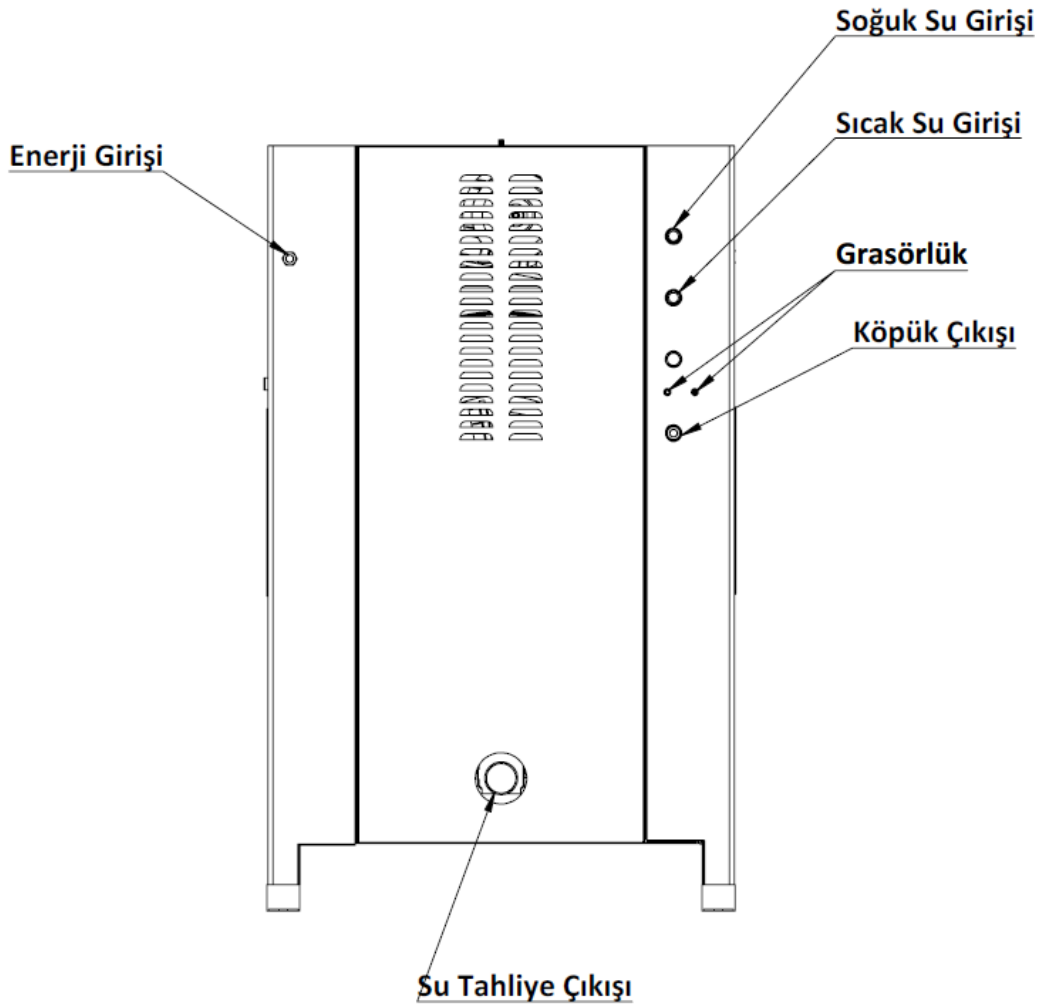
Make connections to the Hot and Cold water inputs using pipes of diameters that are compliant with the marks on the rear side of the device and lay the installation using galvanized pipes.

The best performance for the device is ensured by supplying water at a pressure between 2-4 bars.

If your device becomes subject to a pressure that is lower than the recommended operational pressure, the program periods may be extended and you can see a warning on the display. In case of application of a pressure above the recommended pressure, the internal installation of your device can be damaged and your device becomes out of warranty scope.

In order to prevent transmission of vibrations that may occur during the operation of the machine to the sanitary installation pipes, the sanitary installation connections have to be made with flexible and pressure-resistant hoses.

If you detect any failure in the device, disconnect the electrical connection of your device and refer directly to your authorized service. Absolutely do not use your device before it is repaired. All connections and repair works have to be performed by "Authorized Services". Otherwise, your device may become out of warranty.



1.3. PLACEMENT OF THE DEVICE

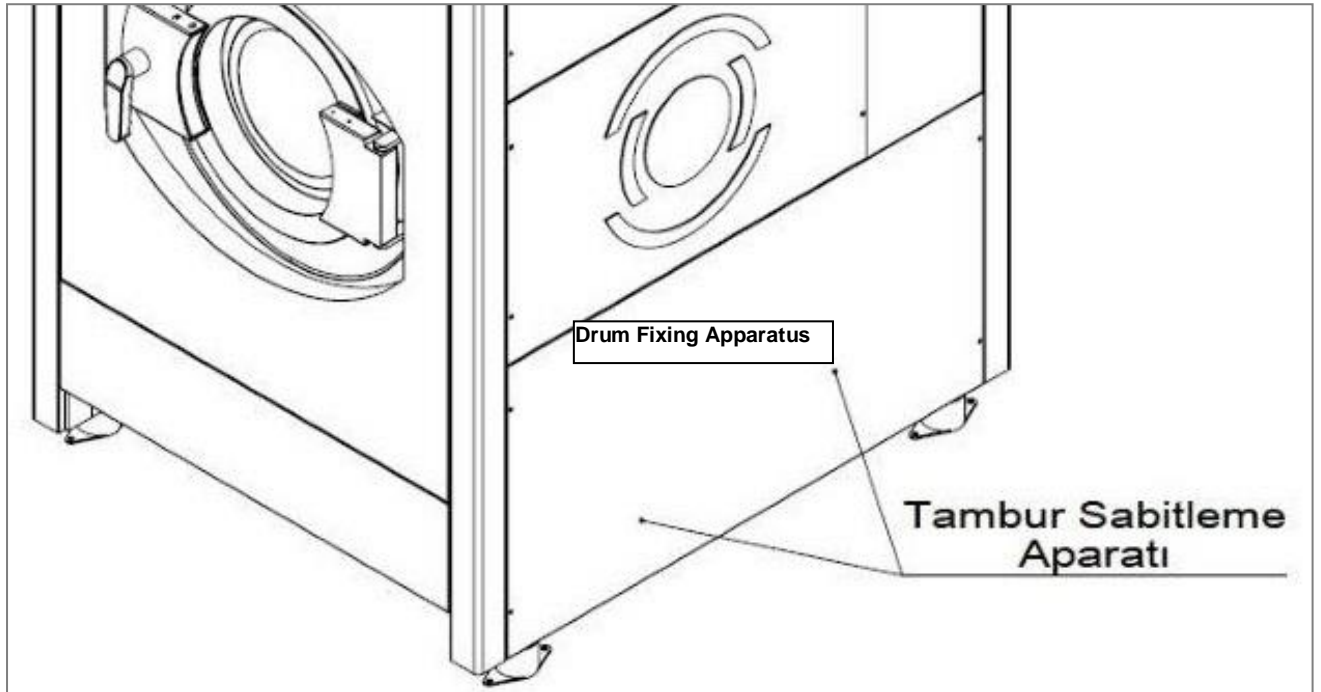
Make sure that the ground on which your device will be placed is flat. After placement, check whether your device is balanced by using a water gauge. If your device is not balanced, adjust the feet of your device by turning them to the right/left. After completing the placement of your device, if it is not in balance, especially during the mangling operation, over-vibration may occur, and noise may be produced due to such vibration. Such vibrations may also damage your device and may result in unpredicted damages on the mechanical accessories of your device.

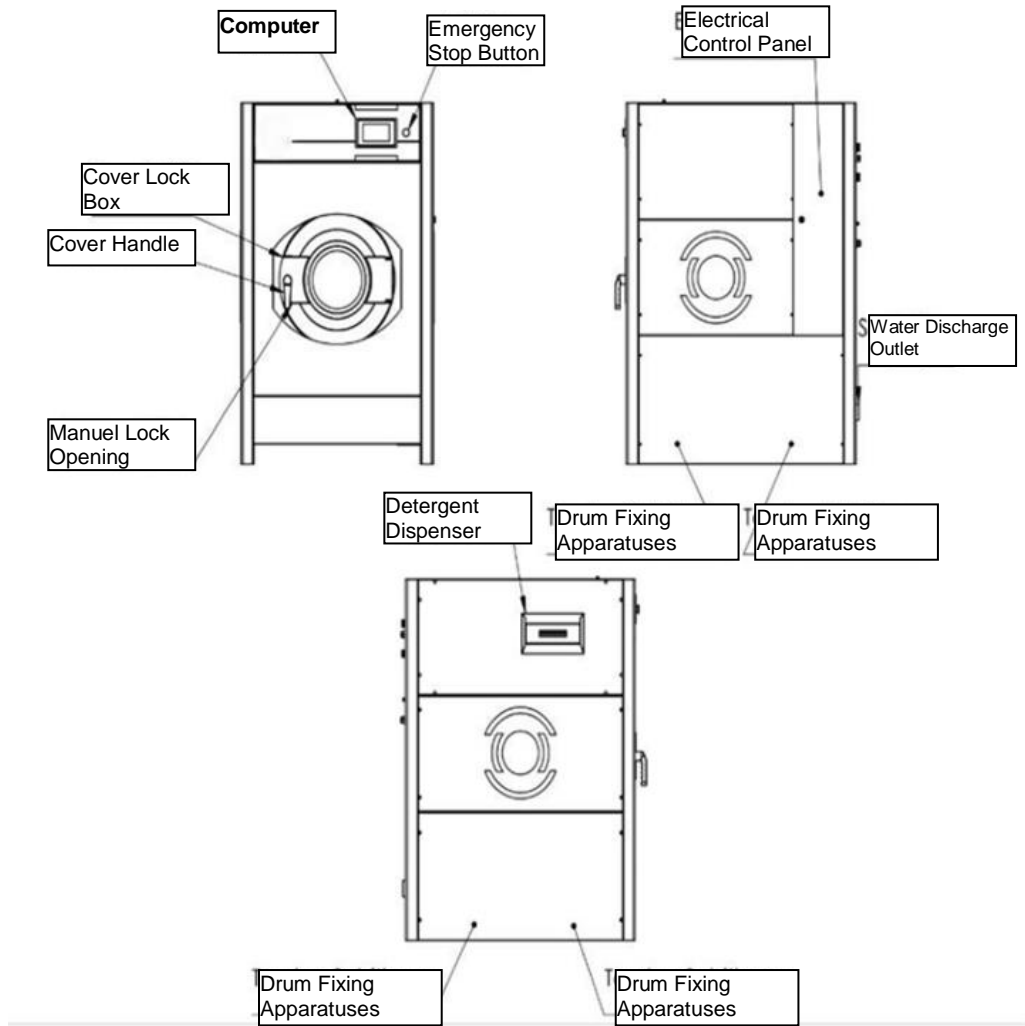
You can fix the device on the floor on its feet. However, this is generally unnecessary.

Leave a working space on the side and rear parts of the device for easy service, maintenance and repair.

Before starting the use of the device, open the side covers of the device. Disassemble the drum fixing apparatuses on both sides. Otherwise the device will be damaged.

Do not operate your machine without disassembling the drum fixing apparatuses.





2. USE

Please completely comply with the following warnings before operating your machine!

Make sure that the electrical and water connections of the machine are made.

Laundry in excess of the capacity of your machine absolutely must not be loaded in your machine. This may damage your machine and result in insufficient cleaning of your laundry.

Pay attention for loading the laundry in the machine in a balanced way. It must not be forgotten that the use of washing nets will decrease the washing performance and will result in excessive vibration during mangling.

Close the cover of your machine after finishing the laundry loading process. Thereafter, depending on the washing operation you will perform, add the washing chemicals in powder form as appropriate for the type of the laundry to be washed in the detergent chamber on the left side of your machine looking from the front side. Add liquid softener in the softener section.

Now your machine is ready for the washing operation. After this step, you must choose the desired washing program on the control panel. after choosing the washing program, you can start the washing operation by pressing the “start” button on the control panel of your machine.

Attention: Flammable, explosive, abrasive etc. materials must not be put in the machine together with the laundry to be washed. Never try to open the cover of your machine during operation.










We would like to remind once more that all instructions must be followed in order to obtain maximum benefit from your machine ...

LCD control panel (7”, touchscreen)



2.1. Device Operation:

SYMBOL	NAME	FUNCTION
	LEFT ARROW	Select the desired program using the left arrow
	PROGRAM NO.	The desired program is selected by directing using the left and right arrow buttons
	RIGHT ARROW	The desired program is selected using the right arrow
	PROGRAM	You can follow the changed program using the left and right arrow buttons
	START	After choosing the desired program in accordance with the laundry cloths, operation can be started by pressing the START button

	PAUSE	The machine will be taken to waiting mode by pressing the PAUSE button while the machine is operating
	STOP	The current program can be canceled by pressing the STOP button while the machine is operating. The machine will return to the first operation display
	TEMPERATUR E	The desired/preset temperature value will be seen on the left lower corner of the LCD panel
	TEMPERATUR E	Instantaneous temperature value will be seen on the right upper corner of LCD panel
	REVOLUTION	You can follow the drum rotation number during the washing and mangling operation of your machine in the relevant section ...
	PERIOD	While the machine is operating, you can follow the program time.
	SETTINGS	While your machine is in waiting mode, it is pressed for entering to the relevant menu for changing the program parameters (only by the authorized service, with password protection)
	COVER LOCK CONDITION	You can follow whether the laundry loading cover lock of your machine is open/closed. When it is lit in green, the lock is open and when it is lit in red, the cover is closed.
	STAGE CONTROL	While the machine is in operable condition, you can follow the program sub-stages and the period that each stage will take.

3. MAINTENANCE

3.1. Protection

Protect your device, which will not be used for a long period, by disconnecting the power supply.

Your device must be fed from an electrical panel that has a grounding line.

Before operating the device, check the pockets, if any, of the loaded laundry. Take care that there are no foreign substances (coins, pens, paper tissues, cigarettes, lighters, key holders, etc.).

Pay attention to environmental cleaning.

While you are not using your machine, make sure that no laundry is left in it. This may cause bad smells and stains on your laundry.

3.2. Maintenance and Failure

Maintenance and failure repairs must be performed by technical personnel. Any failure repairs, repairs and modifications made by end users on the device are extremely dangerous.

During warranty period: only by "Authorized Service"

After the expiry of the warranty period: by the "Authorized Service", "Private Service" or "Operation Maintenance Personnel".

Make sure to have the necessary periodical maintenance relevant to your device performed in due time.

While performing maintenance/ repair operations on the device, absolutely do not forget to disconnect the electrical supply.

3.3. Periodical Maintenance

Grease the roller bearings once every 200 hours in average (approximately 1 month) using the greaser on the rear side of the device (2 presses). Over lubricating might harm the bearings and seals. The type of lubricant recommended for your machine is written on the label on the rear side of your machine.

When you do not use your machine for a long period (e.g.: one month), in order to clean the bad smells, bacteria etc. that may occur in it, you can perform a washing operation at low temperature without loading any laundry in it using water with vinegar or washing chemicals (detergent etc.).

3.3. Cleaning

Regularly clean the outside of your device. Do not use any abrasive chemicals (lime remover, sprit of salt, etc) during the cleaning operation. You can perform surface cleaning with warm water with soap.

Before starting cleaning, make sure to disconnect the electrical supply.

You can clean the outer coating and drum of your machine by wiping with soft materials (cloths, sponge, etc.) so as not to damage the machine.

Do not wash your device with hoses or any similar tools. This may result in damage to the electrical installation of your device. In such a case, a safety weakness may occur and also your device will be excluded from the warranty scope in case of a possible failure.

Absolutely do not enter in the machine drum.

WARNING: after completing the cleaning of your machine, check the cleaning products; make sure that there is no cleaning materials left in the machine!

4. GENERAL SPARE PARTS

NO	PART NAME
1	CONTROL PANEL
2	ELECTRICAL MOTOR
3	MOTOR BELT
4	MOTOR DRIVER
5	EMERGENCY STOP BUTTON
6	DISCHARGE PUMP
7	RUBBER HOSE
8	COVER HANDLE
9	RESISTANCE 9 Kw (2 pieces)
10	SHOCK ABSORBER
11	SPIRAL SPRING
12	HOSE CLAMP
13	DRUM STRETCHER

5. BEFORE CALLING THE SERVICE

Failure	Probable reason	What should be done
Water intake	The valve is closed,	Check the water input valve of the device. Make sure that it is open.
	Insufficient network pressure	Have the line pressure checked by your plumber
	Discharge valve	The discharge valve may be leaking. Call service
Insufficient/ Excessive water intake	Level floater failure	Call service
	Level floater is not correctly set	Call service
Heating	Resistance failure	Call service
	Resistance fuse is blown	Have it checked by your electrician
Failure	Probable Reason	What should be done
Water leakage errors	Drum cover	Call service
	Loading cover	Call service
	Installation joints	Call service
Discharge faults	Discharge valve failure	Call service
	Discharge valve clogging	Call service
	Installation	Have it checked by your plumber
Oscillation fault	Laundry amount	The laundry amount may be too small or too much.
	Suspension system	Problems may exist in the springs or shock absorbers.
	Ground	The ground, where your machine is assembled may be out of balance.
	Switch failure	Call service
Inverter error	Motor driver is faulty	Call service
Cover error	Cover switch	Call service
	Cover is not fully closed	Close the loading cover completely

6. TECHNICAL CHARACTERISTICS

TEKNİK

Technical Characteristics

DETAILS

MODELLER

DETAYLAR

Models

Yıkama kapasitesi (kg)	VLWE 10E	Washing Capacity (kg)		VLWE 20E	VLWE 25E	VLWE 30E	VLWE 35E	VLWE 40E	VLWE 50E	VLWE 60E	VLWE 80E	VLWE 100E	
	10	13	15	20	25	30	35	40	50	60	80	100	
Sıkma Devri (devir /dk)(300G)	Operating Voltage			850			800			715			670
Çalışma Gerilimi	Heating Power			380 V +- %5 50Hz +- %2									
	Motor Power												
Isıtma gücü	Total Power												
Motor Gücü	Cable Section (mm²)			12	15	18		27		36		45	
	1,5	22		3	4		5,5		7,5	11	15	18,5	
Toplm Güç	Water Pressure			15	18	22	23,5	34,5	47	51	63,5		
	Water Inlet												
Kablo Kesiti (mm2)	Hot Water Inlet			Present		5*16		5*25					
	Soft Water Inlet												
Su Basıncı	Pre-set Program			2-4 bar									
Su Girişi	Adjustable Program			1"		11/4"							
Sıcak Su Girişi	var			opsiyonel									
Yumuşak Su Girişi													
Ön ayarlı Program	15												
Ayarlanabilir Program	20												

7. GENERAL INSTRUCTIONS

Attention: All of the following instructions have to be complied with.

1. Assemble your machine calling an authorized service.
2. Use appropriate transportation vehicles absolutely during transportation. E.g.: forklift, pallet jack
3. Do not delay maintenance periods of your machine.
4. Comply with all warning signs on your machine.
5. Please, provide information to the responsible personnel in case of a failure.
6. Repairs must not be attempted by people other than competent personnel in case of any failure.
7. Absolutely disconnect/have disconnected the device supply during troubleshooting or maintenance.
8. Absolutely do not try to operate the device without a grounding line.
9. Make sure that the fixing apparatuses are disassembled before starting the operation of your machine.

About the Grounding Line: *If there is any electrical equipment having a leakage ground current that is greater than 10mA a.c or d.c., one or more of the following conditions has to be complied with for the relevant protective interception circuit .*

- a) *The protective conductor must have minimum 10 mm² Cu or 16 mm² Al section for the total route on which it is laid.*
- b) *If the protective conductor has a section area that is smaller than 10 mm² Cu or 16 mm² Al, a second protective conductor having the same section as a minimum must be provided at the point, where the protective conductor does not have a section that smaller than 10 mm² Cu veya 16 mm² Al.*