

## WASHING MACHINE MAHTI E

### I. INSTALLATION



Move and lift the machine only with a fork lift or pallet truck.  
There are no other lifting points.

Do not draw or push on the floor

#### LEVELLING

Level the machine by turning adjustable feet.

#### CONNECTIONS

All connections are back 'side of the machine, except steam outlet. See picture below.

##### SEWER CONNECTION

Sewer connection hose inside diameter Ø25mm **The sewer connection must be firmly fixed before testing and use because of 85° C alkaline water.**



##### ELECTRICAL CONNECTION

bushing

230/415V 3N~

##### WARM WATER CONNECTION

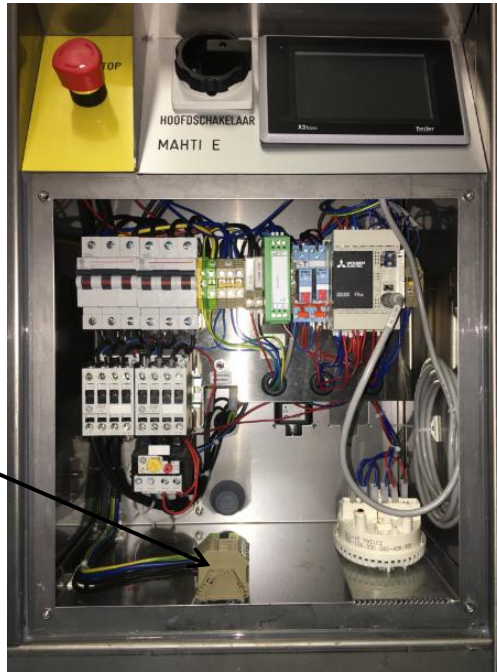
Temperature: 60-85°C

Pressure: 2-8 bar

## ELECTRICAL CONNECTION

Electric supply connection point is in the Control center. The electric connection must be protected with **3x35 A fuses** installed in the main fuse box outside of the machine.

### CONNECTION POINT



## AIR CONDITIONING

If you use detergents, which might evaporate hazardously, connect the steam opening of the machine into the exhaust ventilation. Leave about 200mm free space between machine steam opening and ventilation pipe

## **II. WORKING SAFETY** **MANDATORY TO READ BEFORE USE**

THE FLOOR IN FRONT OF THE WASHING MACHINE MUST BE KEPT CLEAN AND FREE TO SECURE THE MACHINE'S SAFE USE. THERE IS A RISK OF STUMBLING AND SLIPPING.

THERE ARE DETERGENTS STORED IN THE MACHINE AND THEIR HANDLING REQUIRES WEARING OF SAFETY GLOVES AND FACE PROTECTION. THE SAFETY EQUIPMENT MUST BE PLACED TO IMMEDIATE PROXIMITY OF THE MACHINE SO THAT IT IS EASILY AVAILABLE. THE SAFETY DATA SHEET FOR EACH DETERGENT MUST BE AT HAND CLOSE TO THE MACHINE. THE DETERGENT CAUSES A RISK OF SLIPPING WHEN BEEN DROPPED ON THE FLOOR. IN SUCH CASE THE FLOOR MUST BE CLEANED IMMEDIATELY.

DURING WASHING THERE IS A WASHING SOLUTION AS MIXTURE OF HOT WATER AND DETERGENT INSIDE THE MACHINE. AFTER WASHING THERE IS A FLOW OF HOT STEEM COMING OUT FROM THE UPPER END OF THE DOOR, WHICH MAY CAUSE BURNING INJURY WHEN GETTING INTO CONTACT WITH HUMAN SKIN.

IF THE MACHINE DOOR IS NECESSARY TO BE OPENED DURING THE WASHING IT HAS TO BE TAKEN INTO CONSIDERATION THAT THERE IS A HOT WASHING SOLUTION INSIDE THE MACHINE, WHICH CAUSES INJURY WHEN GETTING IN TOUCH WITH SKIN OR MUCOUS MEMBRANE. IF IT IS NEEDED TO TAKE SOMETHING OUT FROM THE MACHINE IT IS ABOSLUTELY NECESSARY TO WEAR PROTECTIVE GLOVES AND FACE PROTECTION.

IT IS NOT ALLOWED TO LET THE DOOR FALL FREELY DOWN WHEN OPENING IT. THE DOOR MUST ALWAYS BE HELD WHEN DESCENDING IT TO DOWN POSITION.

IT IS NECESSARY ALWAYS TO MAKE SURE THAT THERE ARE NO HINDRANCES WITHIN THE DOOR'S OPERATIONAL SPACE WHEN THE DOOR IS OPENED.

IT IS NOT ALLOWED TO LOAD ANYTHING ELSE THAT THE WASH WAGON ON THE DOOR WHEN IT HAS BEEN OPENED. AS THE MACHINE HAS NOT BEEN FIXED TO THE FLOOR THERE IS A RISK OF FALLING OF THE MACHINE IN CASE THE LOAD ON THE DOOR IS TOO HEAVY.

ALL CURTAIN PLATES OF THE MACHINE HAVE TO BE ALWAYS KEPT FIXED IN THEIR POSITIONS. THE CURTAIN PLATES PREVENT TOO HIGH SURFACE TEMPERATURE AS WELL AS DETERGENT SPILLS IF THERE IS SOMETHING WRONG WITH THE MACHINE'S WASH PIPING.

WHEN CARRYING OUT MAINTENANCE WORK FOR THE MACHINE IT IS ABSOLUTELY FORBIDDEN TO BE ON TOP OF THE WASH CABIN, IF THE MACHINE IS IN OPERATION.

DURING MAINTENANCE THE MACHINE MUST BE SAFELY SWITCHED OFF FROM ELECTRICITY.

IF THERE ARE ABNORMALITIES IN THE MACHINE'S OPERATION SUCH OBSERVATIONS HAVE TO BE INFORMED IMMEDIATELY TO THE FOREMAN.

THE WASHING MACHINE MAHTI HAS BEEN DESIGNED AND BUILT FOR A SPECIFIC NEED. IF THERE IS ANY UNCERTAINTY RELATED TO WASHED OBJECTS' SUITABILITY TO MACHINE WASHING, IT IS NECESSARY TO ALWAYS MAKE SURE OF IT BEFORE STARTING THE WASHING.

IT IS NOT ALLOWED TO POUR ANY SOLID OR LIQUID WASTES INTO THE MACHINE.

### **III. MAINTENANCE**



Removable bottom strainers must check and clean if necessary every day.



Picture 7.2



Picture 7.3

Both bottom(pic. 7.2)-and wall washers (pic. 7.3) are removable. Washers can be loosened by turning black plastic bearing to counterclockwise

#### **DAILY MAINTENANCE CHECK**

- All holes in wash arms are clean
- All wash arms rotate smoothly
- All strainers in the cabinet are clean
- There is enough detergent in the canister and the machine has taken it
- The washing temperatures are correct
- There are no failure messages on the User display

#### **CHECK EVERY 6 MONTHS**

- Washing water temperature and the detergent dose
- Make sure that the machine doesn't leak
  - a) The valve doesn't leak and the strainer is clean
  - b) The joints of the hoses are tight
  - c) There is no noticeable leak of water in the door frame during the wash
- The functioning of the machine hasn't changed
- If the water includes a lot of lime, remove the sediment by dissolving it with proper chemicals. The accumulated sediments on the heating elements reduce their expected life time.

## **IX. DETERGENT**



Place the detergent canister into the detergent cabinet. The programs dose detergent automatically into the machine.

### **WHAT ITEMS AND MATERIALS CAN BE WASHED**

- The items must be machine washable.
- The materials must match with detergent used and high temperature 85°C.
- Solid materials may not be emptied into the washing cabinet.
- Use the machine only for that washing purpose, to which it is designed and programmed.
- If the purpose of the use changes, contact the manufacturer for consultation.
- The machine must not be used for any other purpose than described in the manual.

### **WHAT DETERGENT**

- Use only low foaming detergent, pH ~12 Sodium hydroxide.
- Never use acids or acid based detergents
- Observe detergent manufacturer's instructions for proper and safe handling
- Manufacturer and supplier recommended detergents give the best washing results
- For aluminium items use only specific detergent for aluminium, never same as for stainless

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**PESUTEKNO**

PERFECTLY CLEAN